

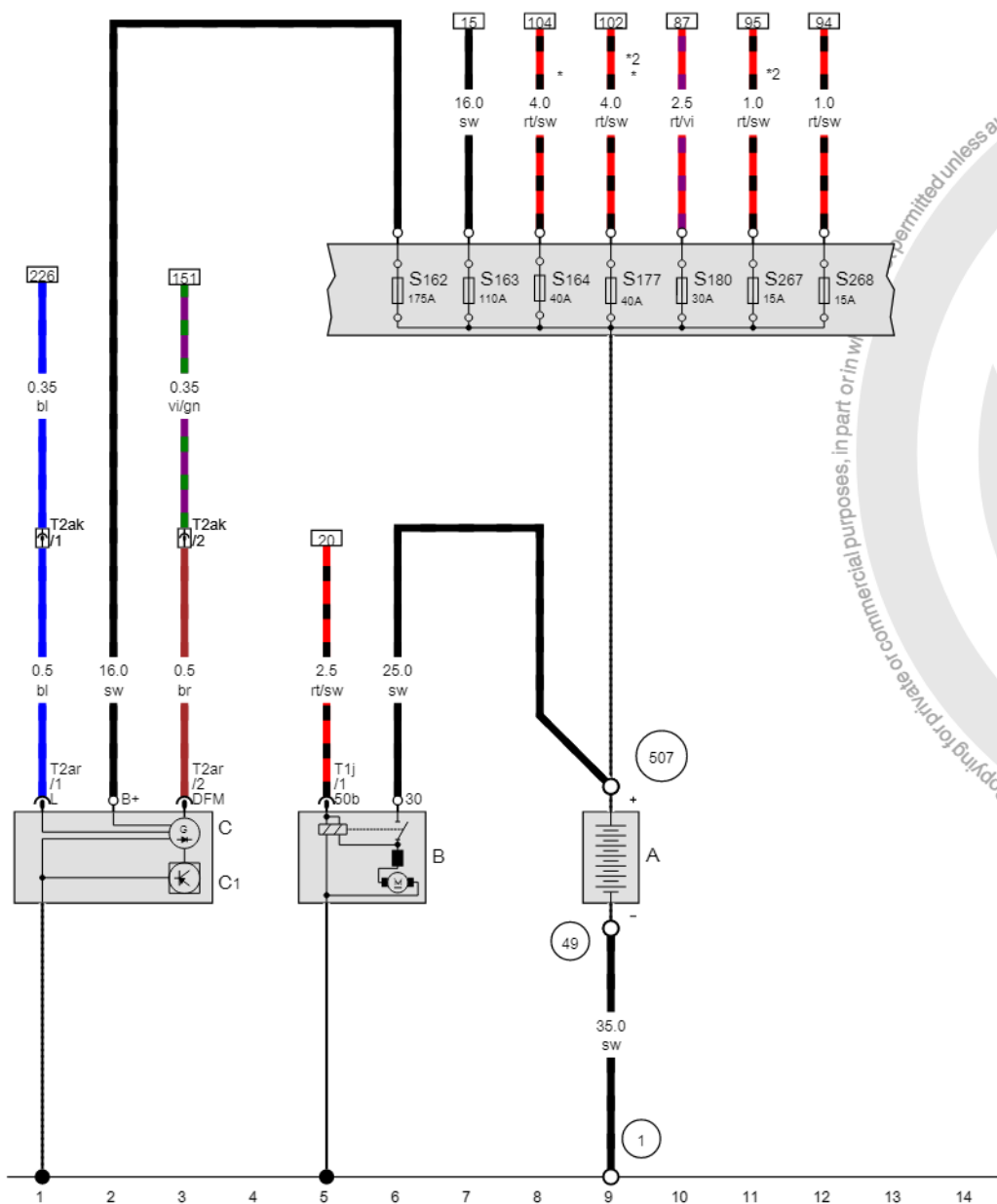
1.6l engine , CCRA

From January 2011





Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- S267 Fuse 9 (30), in battery fuse holder
- S268 Fuse 10 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

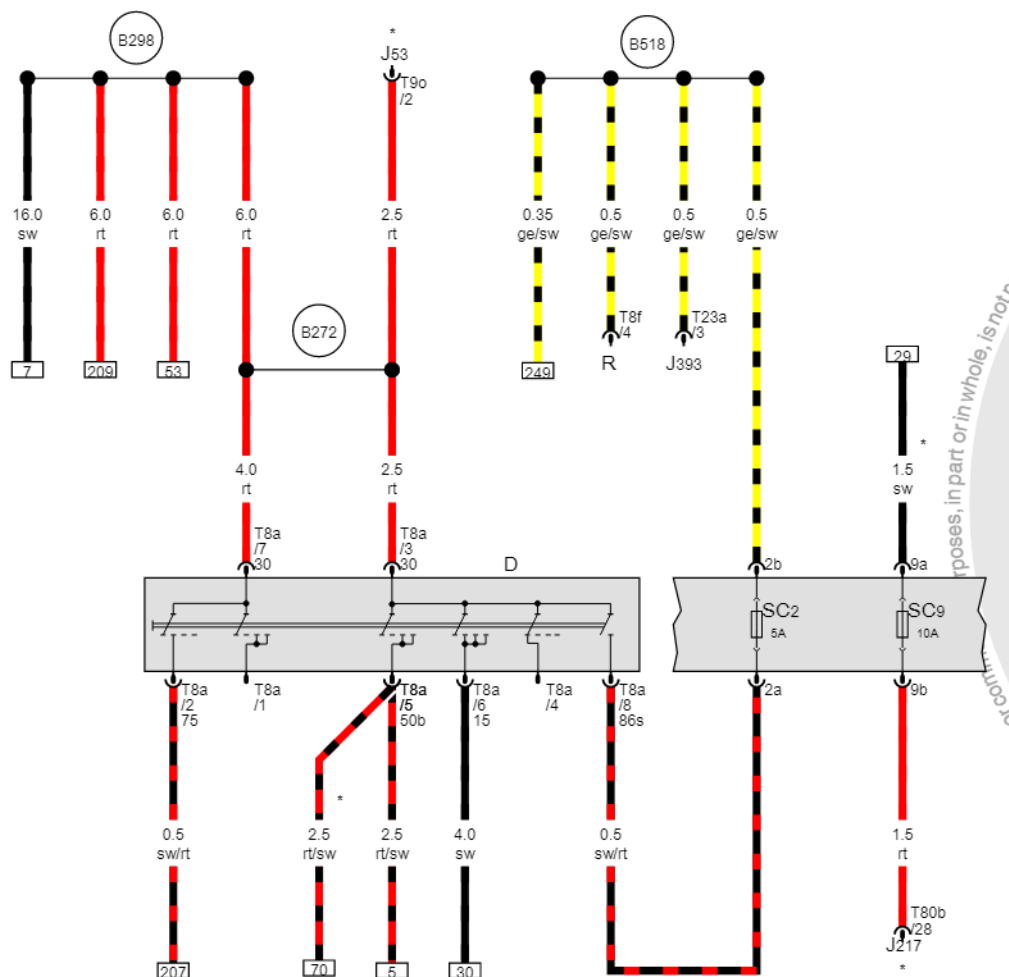
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 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

1577-0010205121

# Ignition/starter switch

- D Ignition/starter switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J393 Convenience system central control unit
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T8a 8-pin connector
- T8f 8-pin connector
- T9o 9-pin connector
- T23a 23-pin connector
- T80b 80-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Only models with automated manual gearbox



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15 16 17 18 19 20 21 22 23 24 25 26 27 28

1577-0010305121

Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T75a 75-pin connector

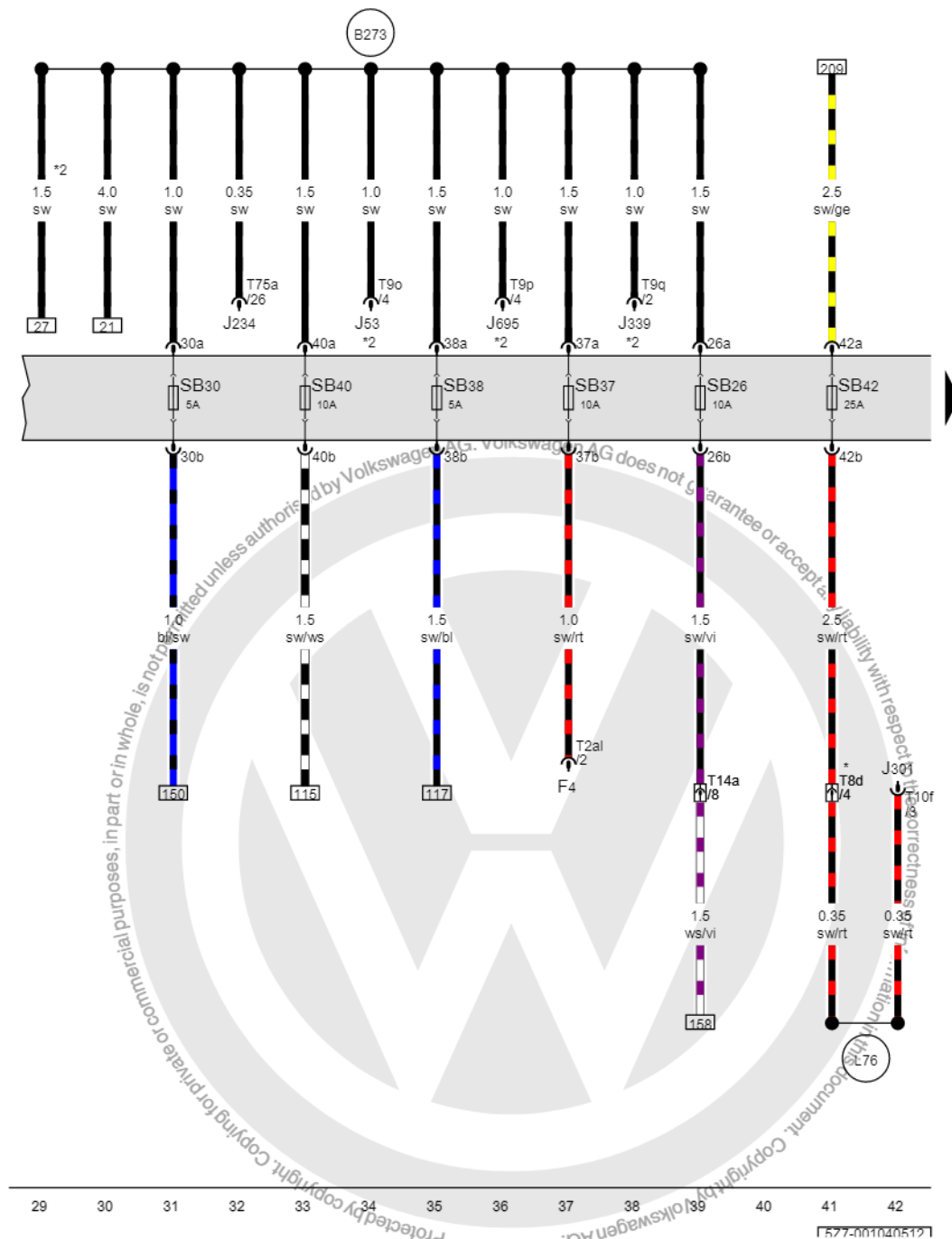
B273 Positive connection (15), in main wiring harness

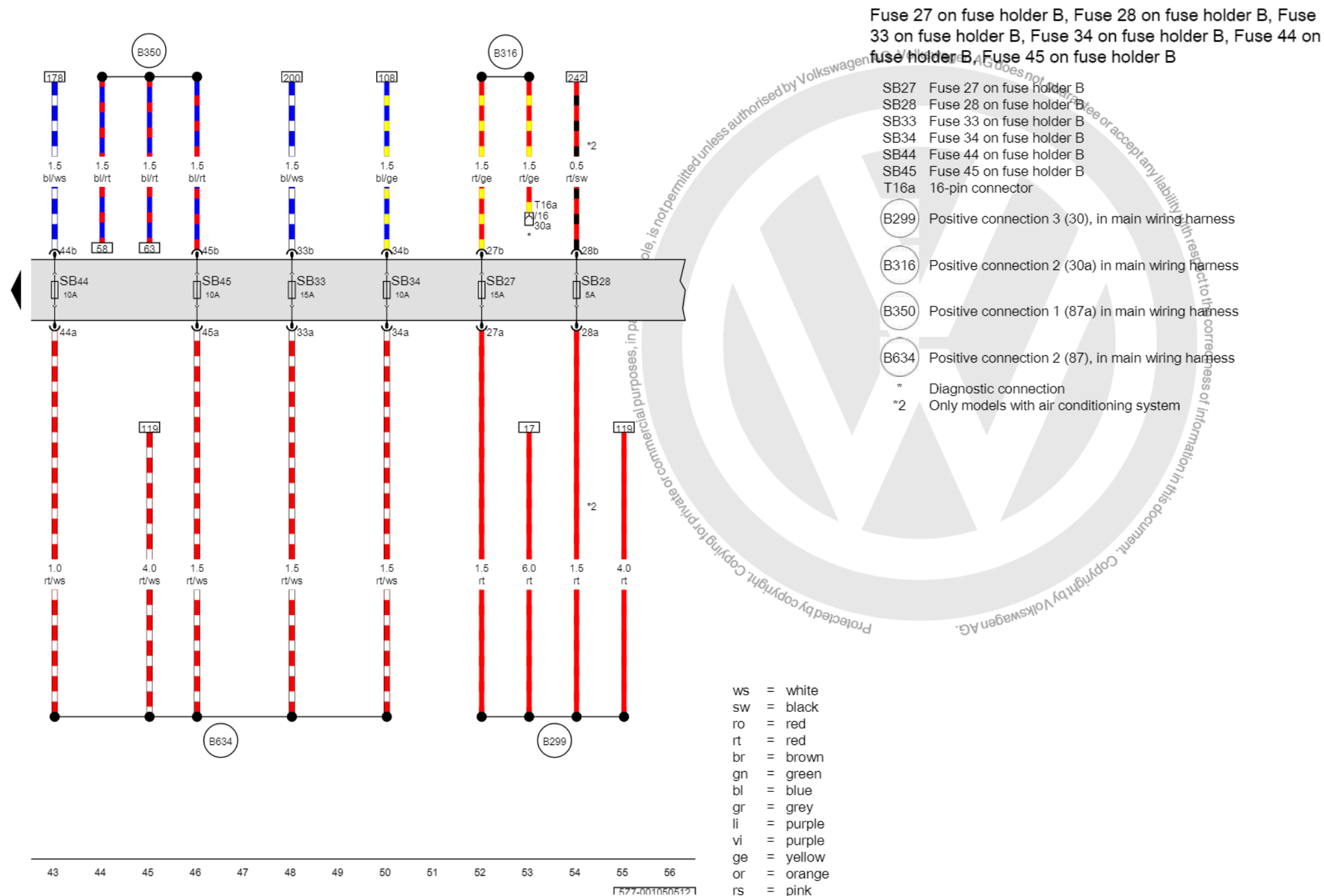
L76 Connection (87), in air conditioning system wiring harness

\* Only models with air conditioning system

\*2 Only models with automated manual gearbox

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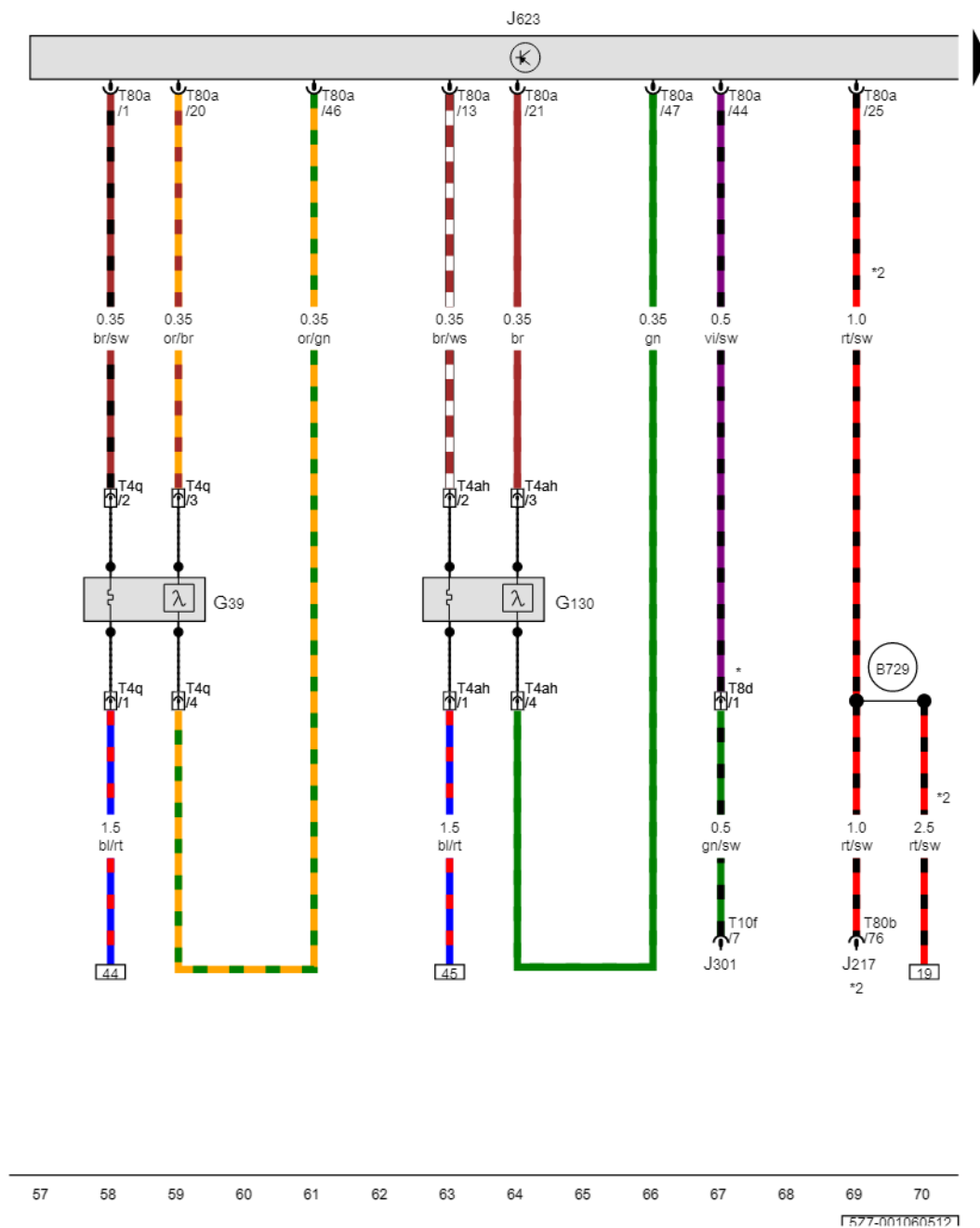
Lambda probe, Lambda probe after catalytic converter,  
Engine control unit

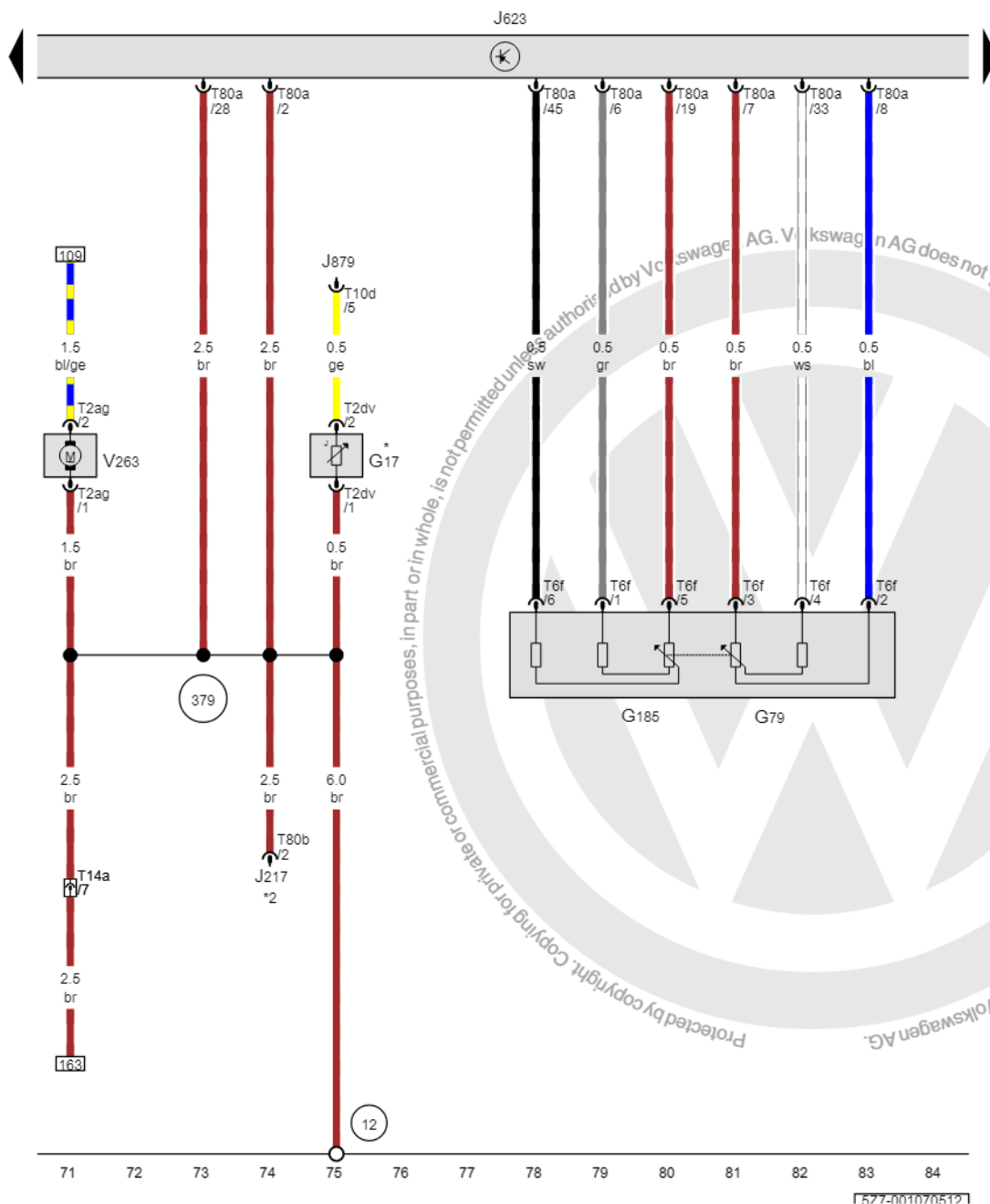
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J623 Engine control unit
- T4ah 4-pin connector
- T4q 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T80a 80-pin connector
- T80b 80-pin connector

B729 Connection 1 (50), in main wiring harness

- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

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Ambient temperature sensor, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuel pump for cold start

- G17 Ambient temperature sensor
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- T2ag 2-pin connector
- T2dv 2-pin connector
- T6f 6-pin connector
- T10d 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector
- V263 Fuel pump for cold start

12 Earth point, on left in engine compartment

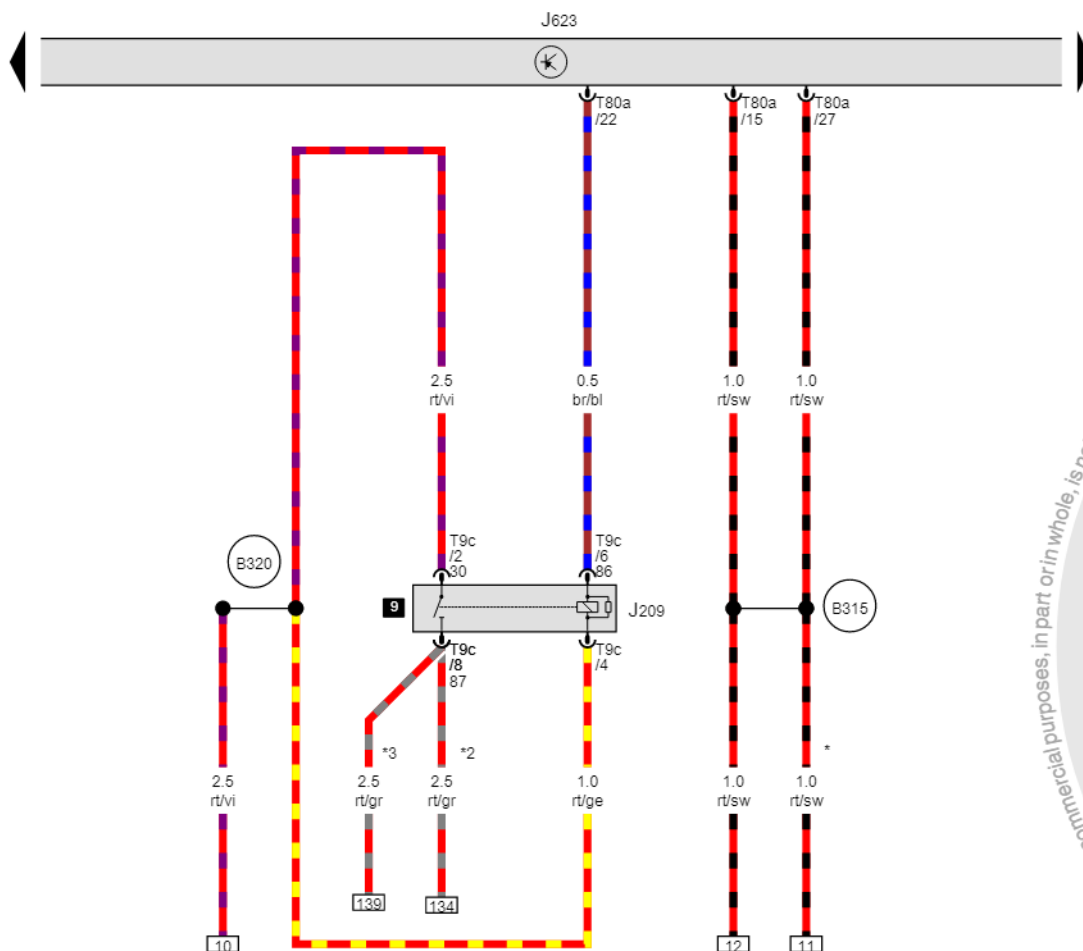
379 Earth connection 14, in main wiring harness

\* For models with interactive system

\*2 Only models with automated manual gearbox

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Fresh air blower and radiator fan relay, Engine control unit



J209 Fresh air blower and radiator fan relay  
J623 Engine control unit  
T9c 9-pin connector  
T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

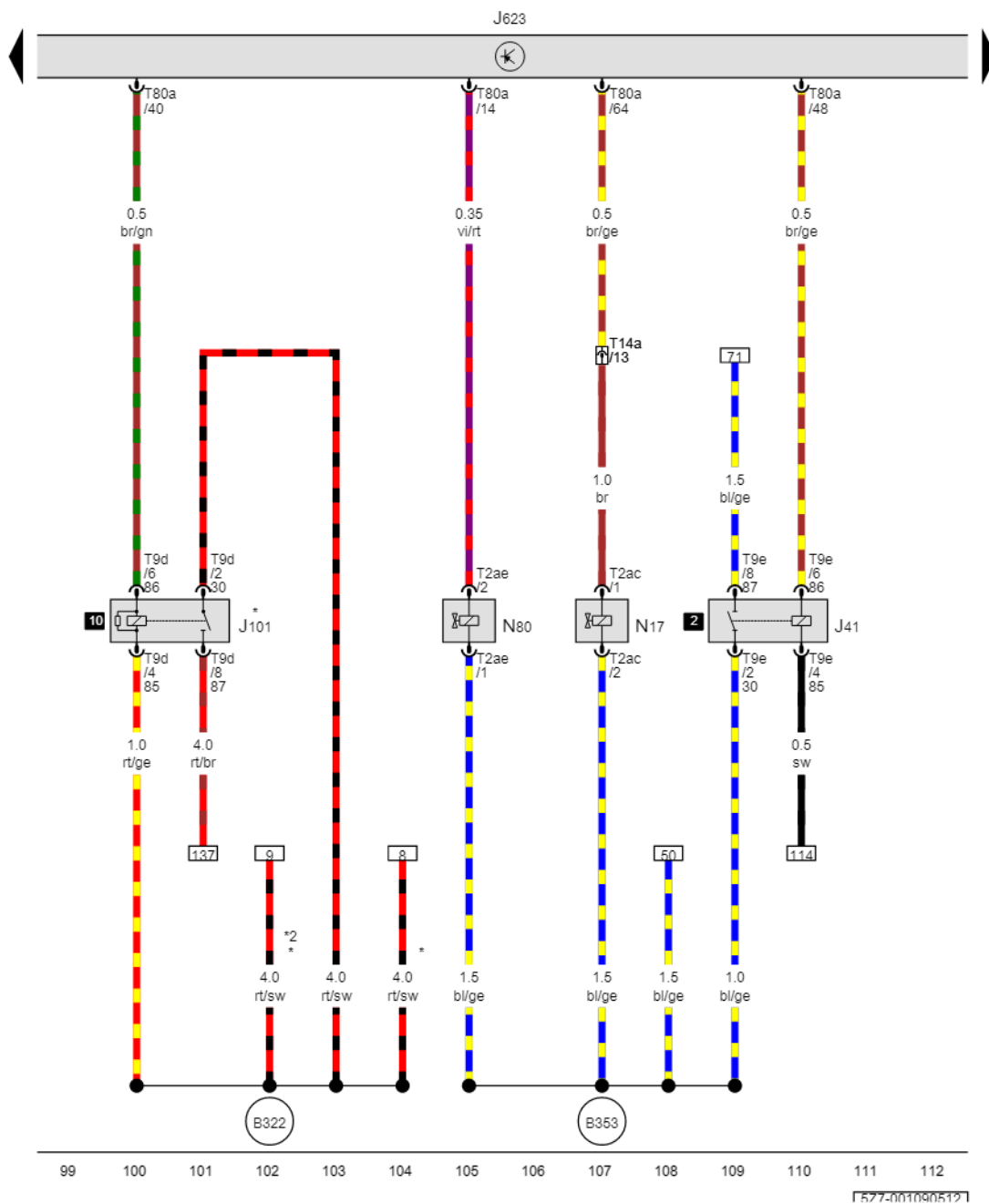
\* Only models with automated manual gearbox

\*2 Only models with no air conditioning system

\*3 Only models with air conditioning system

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Cold start device relay, Radiator fan 2nd speed relay, Engine control unit, Cold start valve, Activated charcoal filter solenoid valve 1

- J41 Cold start device relay
- J101 Radiator fan 2nd speed relay
- J623 Engine control unit
- N17 Cold start valve
- N80 Activated charcoal filter solenoid valve 1
- T2ac 2-pin connector
- T2ae 2-pin connector
- T9d 9-pin connector
- T9e 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

B322 Positive connection 8 (30a) in main wiring harness

B353 Positive connection 4 (87a) in main wiring harness

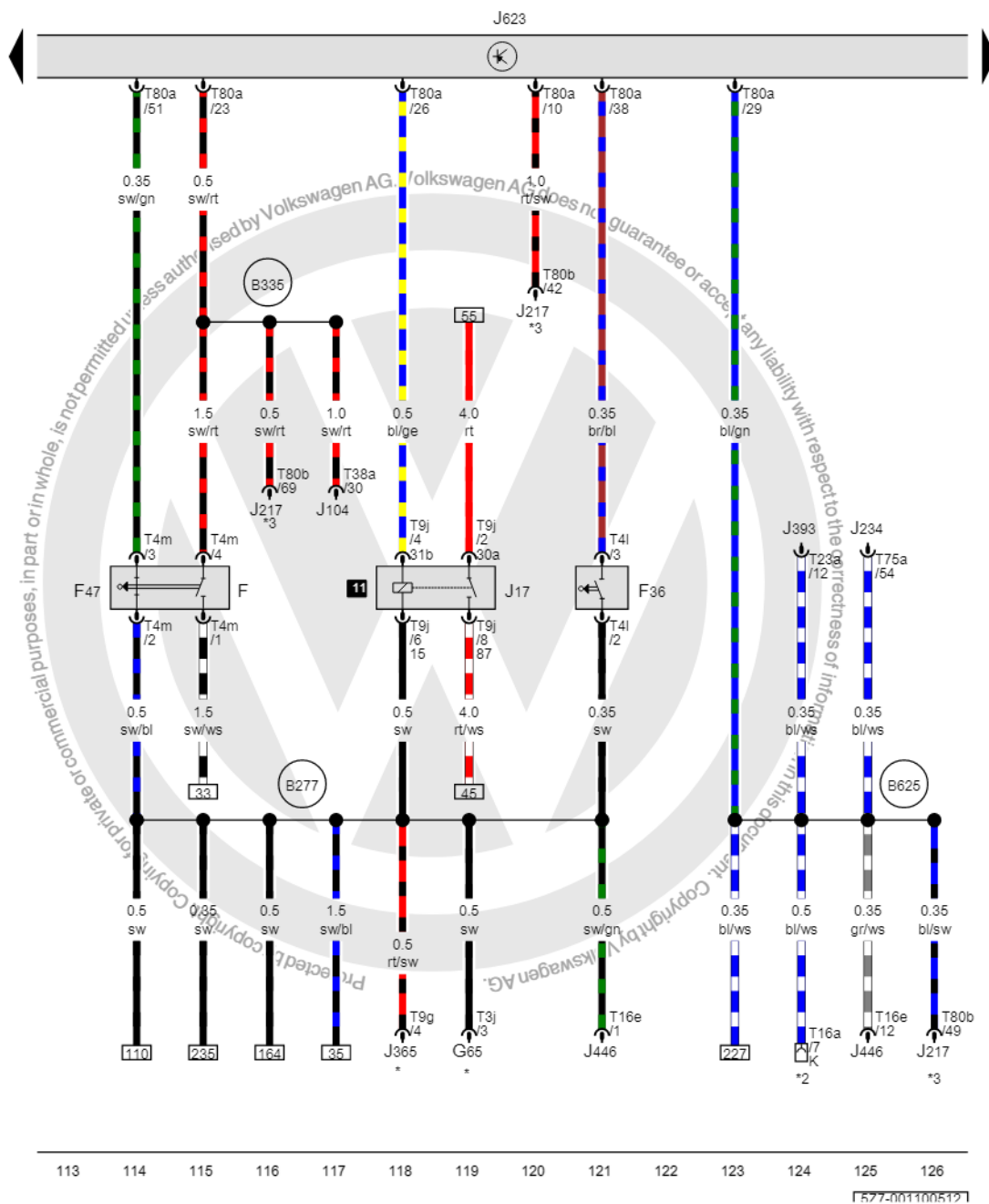
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\*2 Only models with automated manual gearbox

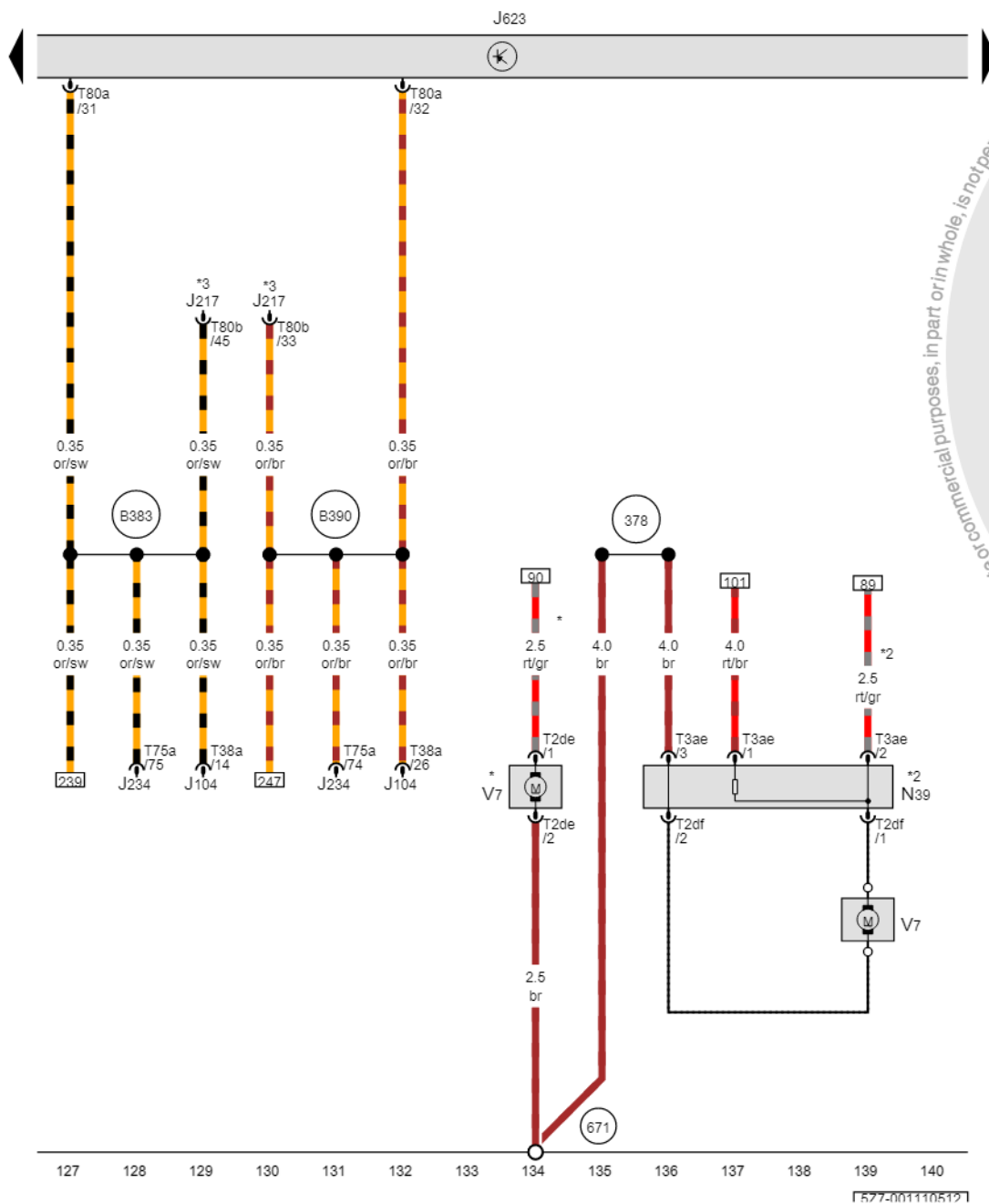
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Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit



- F Brake light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G65 High-pressure sender
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J365 Air conditioning system switch-off relay
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- T3j 3-pin connector
- T4l 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Only models with air conditioning system
- \*2 Diagnostic connection
- \*3 Only models with automated manual gearbox

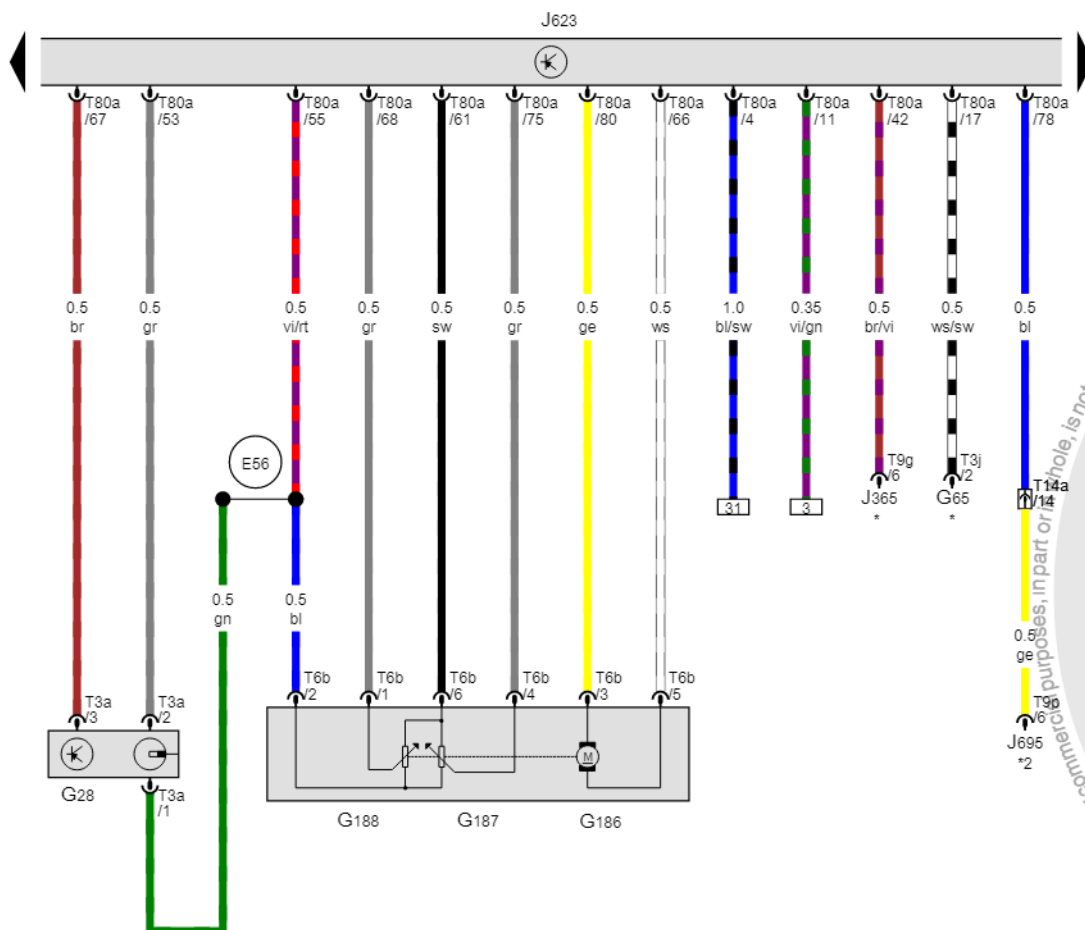


Engine control unit, Radiator fan series resistor, Radiator fan

- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- V7 Radiator fan

- 378 Earth connection 13, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with no air conditioning system
- \*2 Only models with air conditioning system
- \*3 Only models with automated manual gearbox

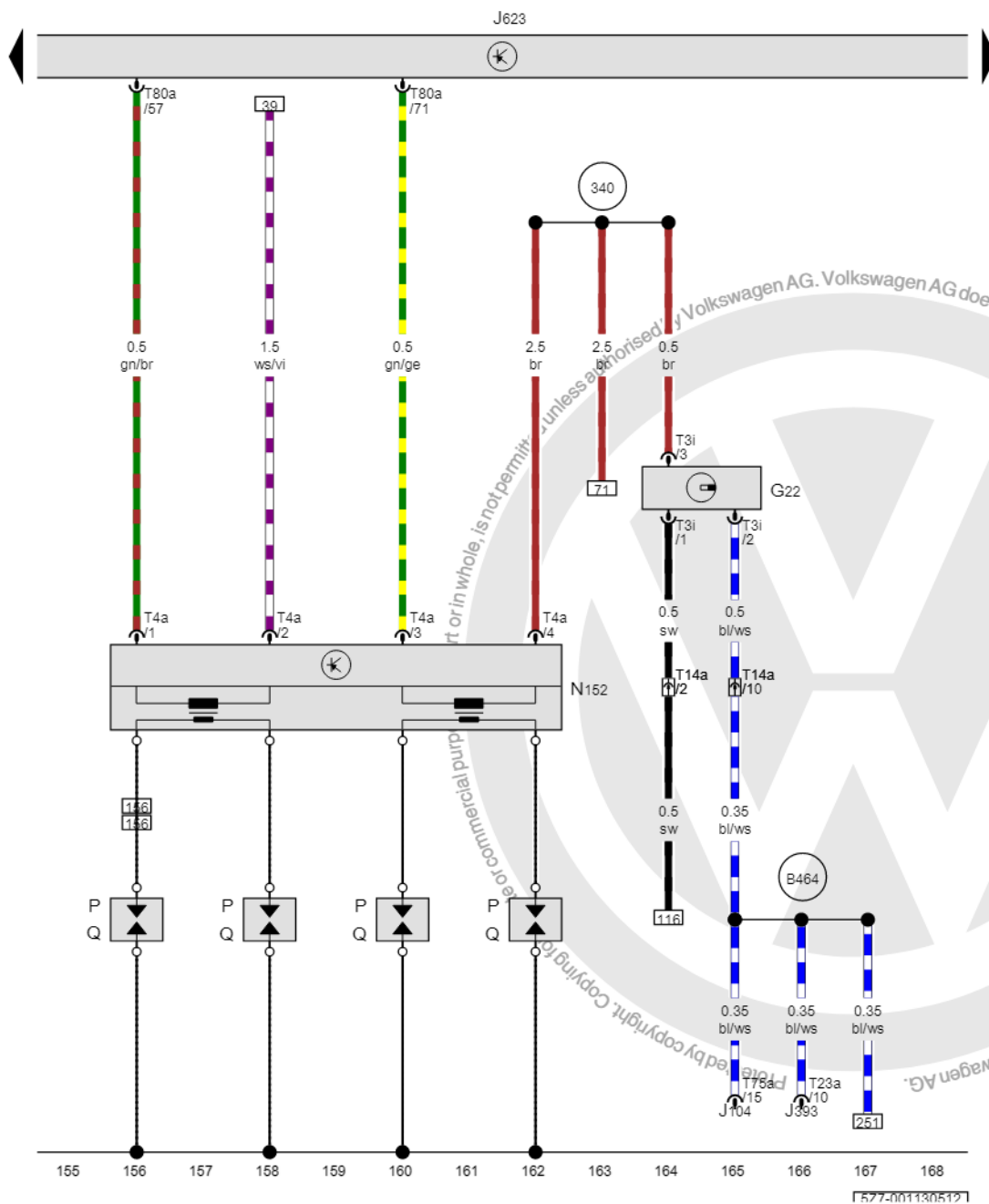
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Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

- |      |   |
|------|---|
| G28  | Engine speed sender                                       |
| G65  | High-pressure sender                                      |
| G186 | Throttle valve drive for electric throttle                |
| G187 | Throttle valve drive angle sender 1 for electric throttle |
| G188 | Throttle valve drive angle sender 2 for electric throttle |
| J365 | Air conditioning system switch-off relay                  |
| J623 | Engine control unit                                       |
| J695 | Starter motor relay 2                                     |
| T3a  | 3-pin connector   |
| T3j  | 3-pin connector   |
| T6b  | 6-pin connector   |
| T9g  | 9-pin connector   |
| T9p  | 9-pin connector   |
| T14a | 14-pin connector, on left in engine compartment           |
| T80a | 80-pin connector  |
| E56  | Connection 1, in injection system wiring harness          |
| *    | Only models with air conditioning system                  |
| *2   | Only models with automated manual gearbox                 |

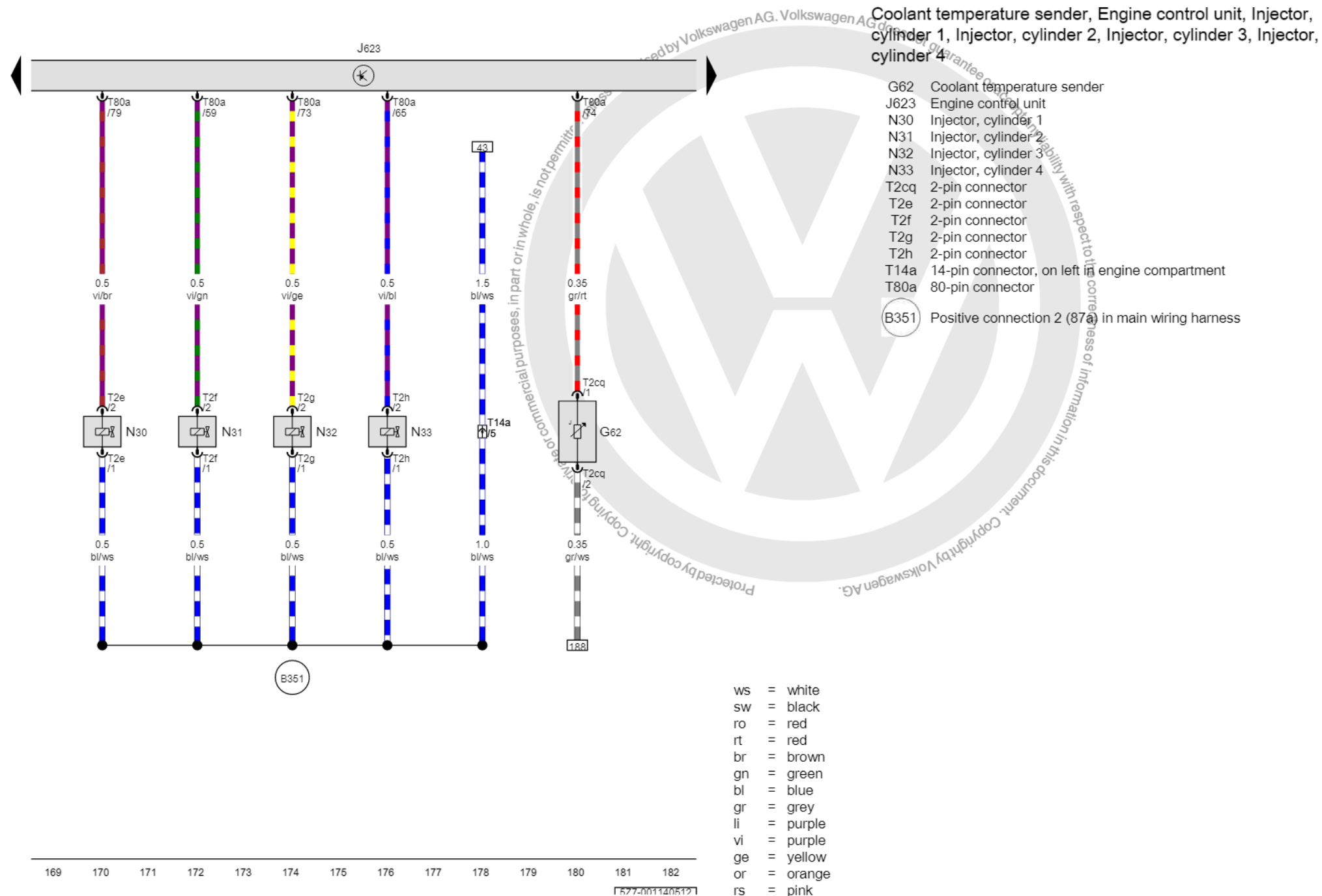
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Speedometer sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

- G22 Speedometer sender
- J104 ABS control unit
- J393 Convenience system central control unit
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T3i 3-pin connector
- T4a 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- 340 Earth connection 2, in injection system wiring harness
- B464 Connection (speed signal), in main wiring harness

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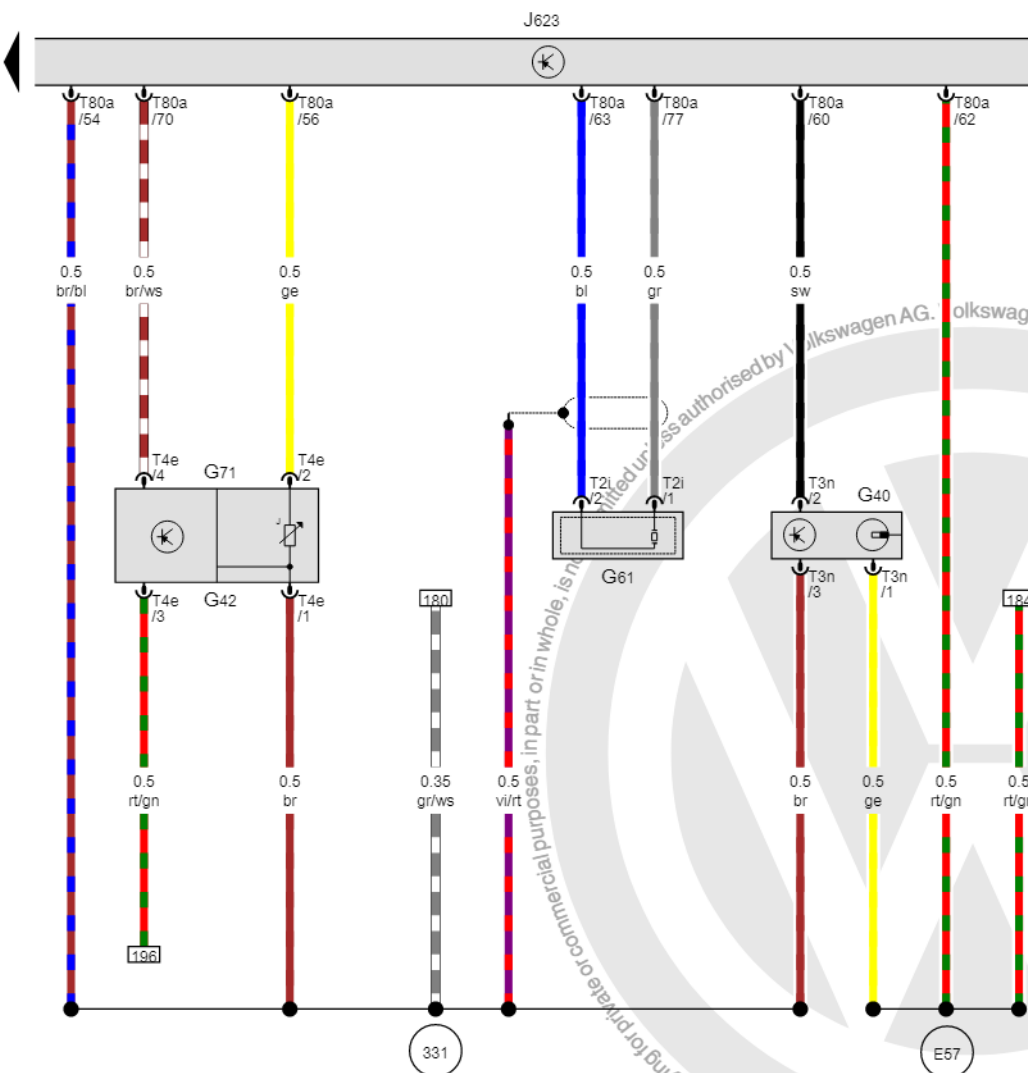


Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T80a 80-pin connector

331 Earth connection, in injection system wiring harness

E57 Connection 2, in injection system wiring harness

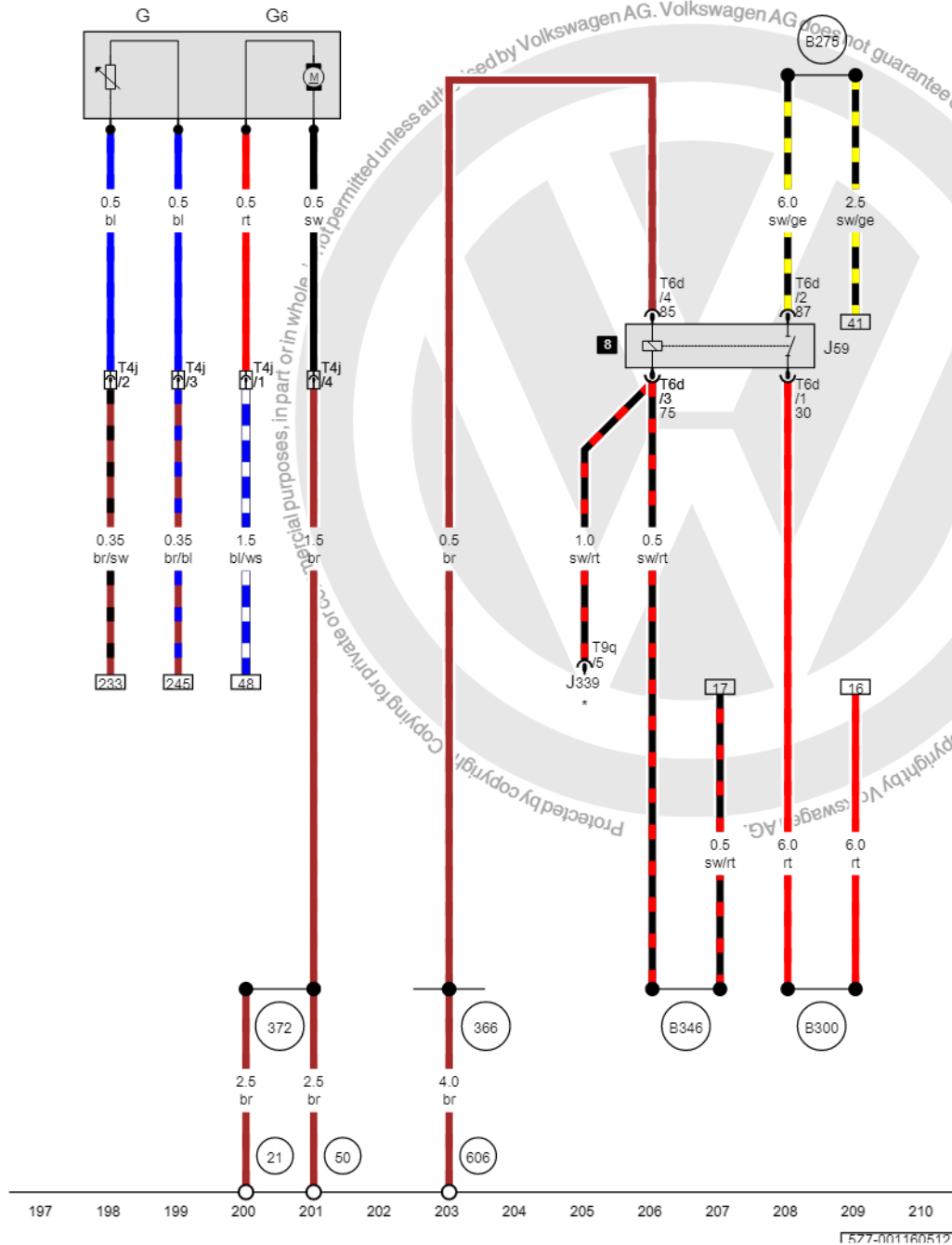


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Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T4j 4-pin connector
- T6d 6-pin connector
- T9q 9-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- \* Only models with automated manual gearbox



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Handbrake warning switch, Brake fluid level warning contact

- |      |                                   |
|------|-----------------------------------|
| F9   | Handbrake warning switch          |
| F34  | Brake fluid level warning contact |
| G65  | High-pressure sender              |
| J217 | Automatic gearbox control unit    |
| T2ai | 2-pin connector                   |
| T2v  | 2-pin connector                   |
| T3j  | 3-pin connector                   |
| T16a | 16-pin connector                  |
| T80b | 80-pin connector                  |

- (367) Earth connection 2, in main wiring harness

- (377) Earth connection 12, in main wiring harness

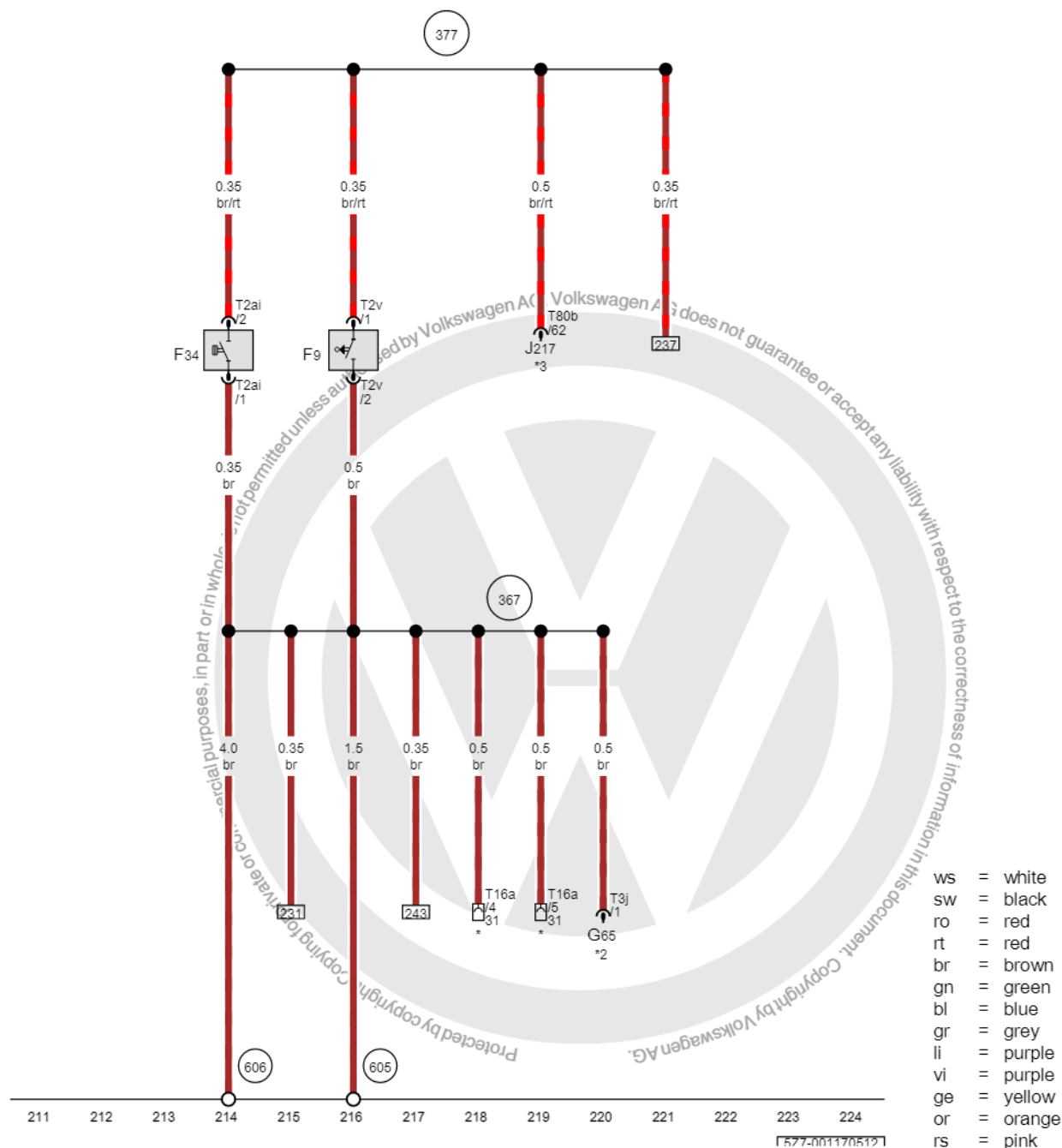
- (605) Earth point, on top end of steering column

- 606 Earth point, under the centre console near gear stick

- \* Diagnostic connection

- \*2 Only models with air conditioning system

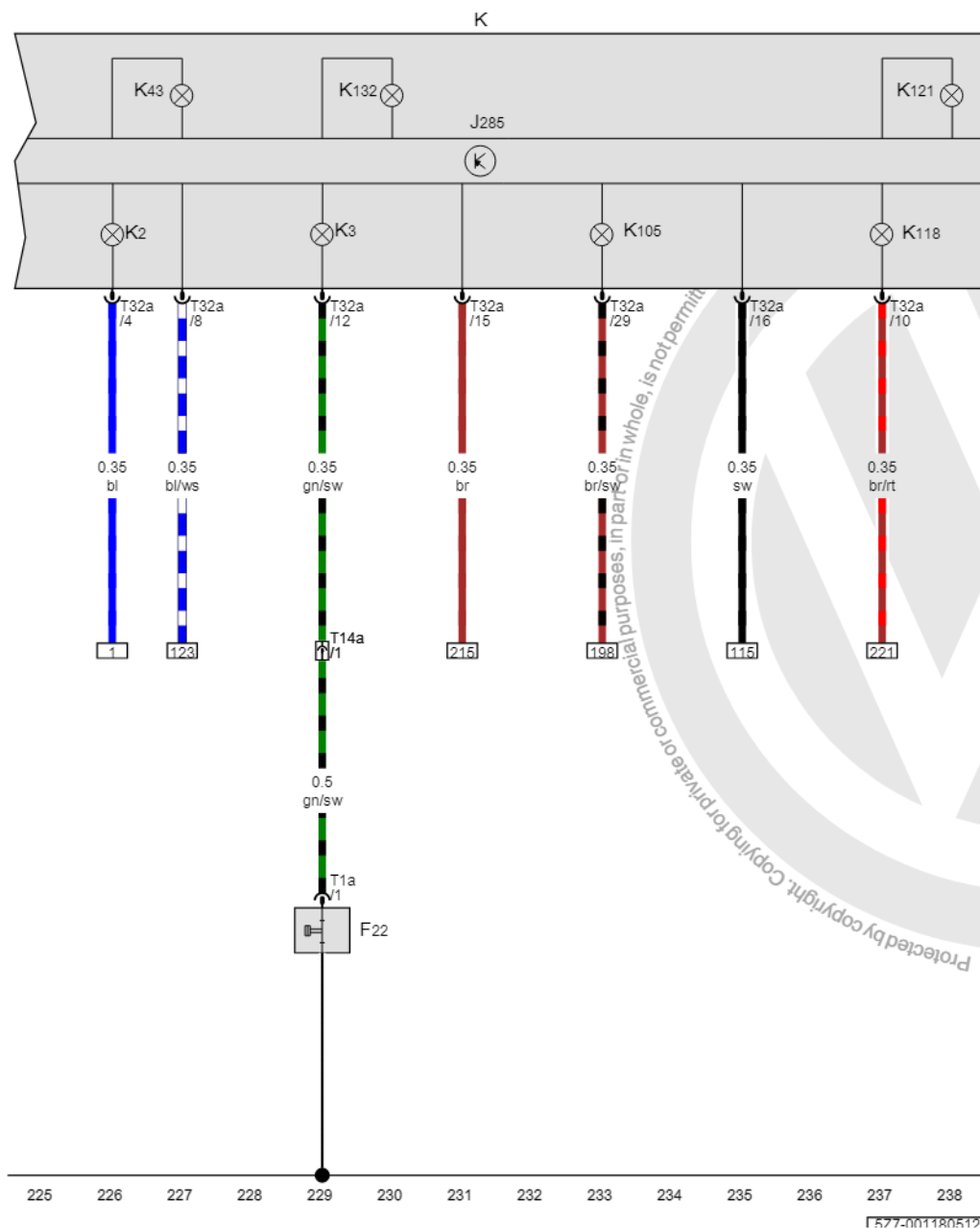
- \*3 Only models with automated manual gearbox

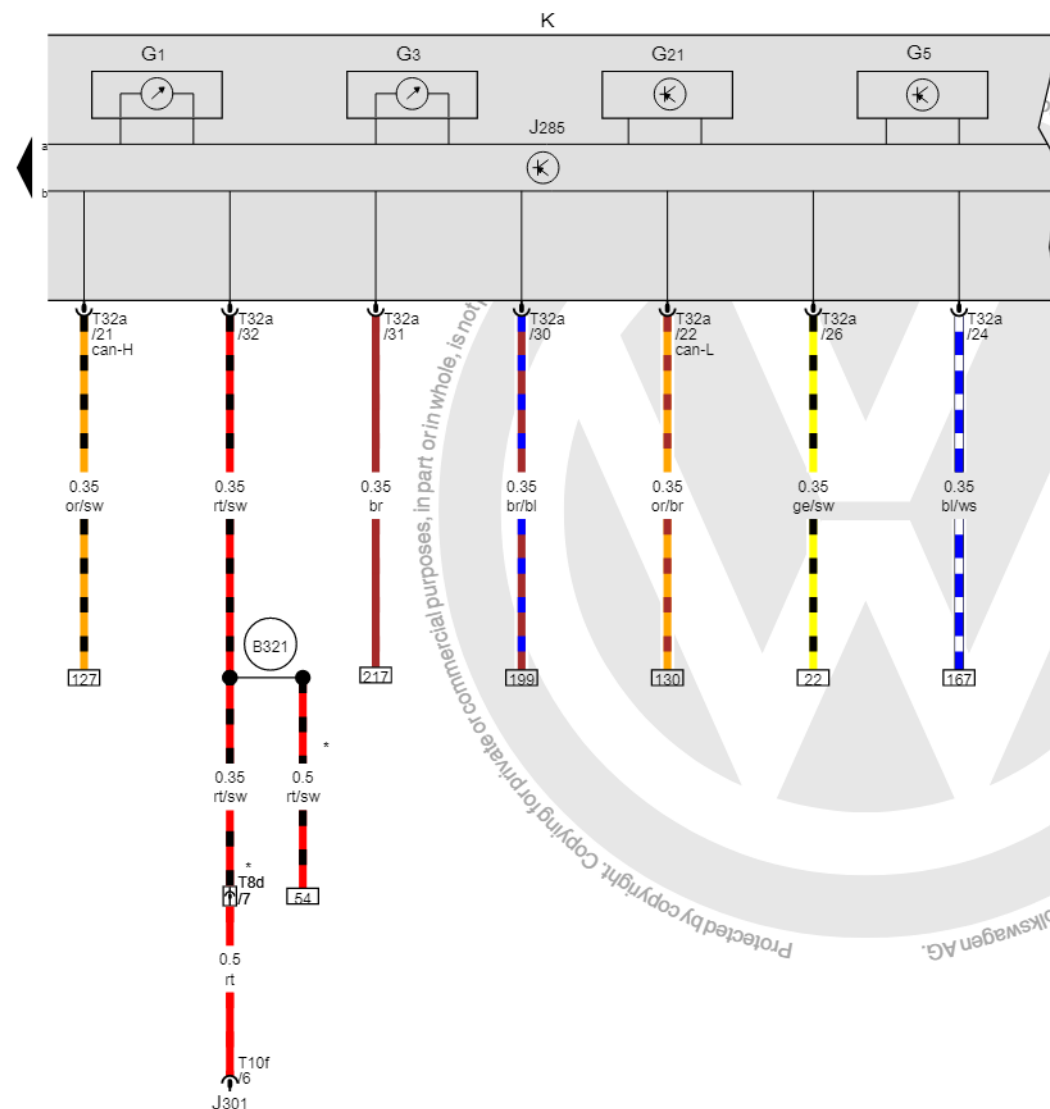




Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector





Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert

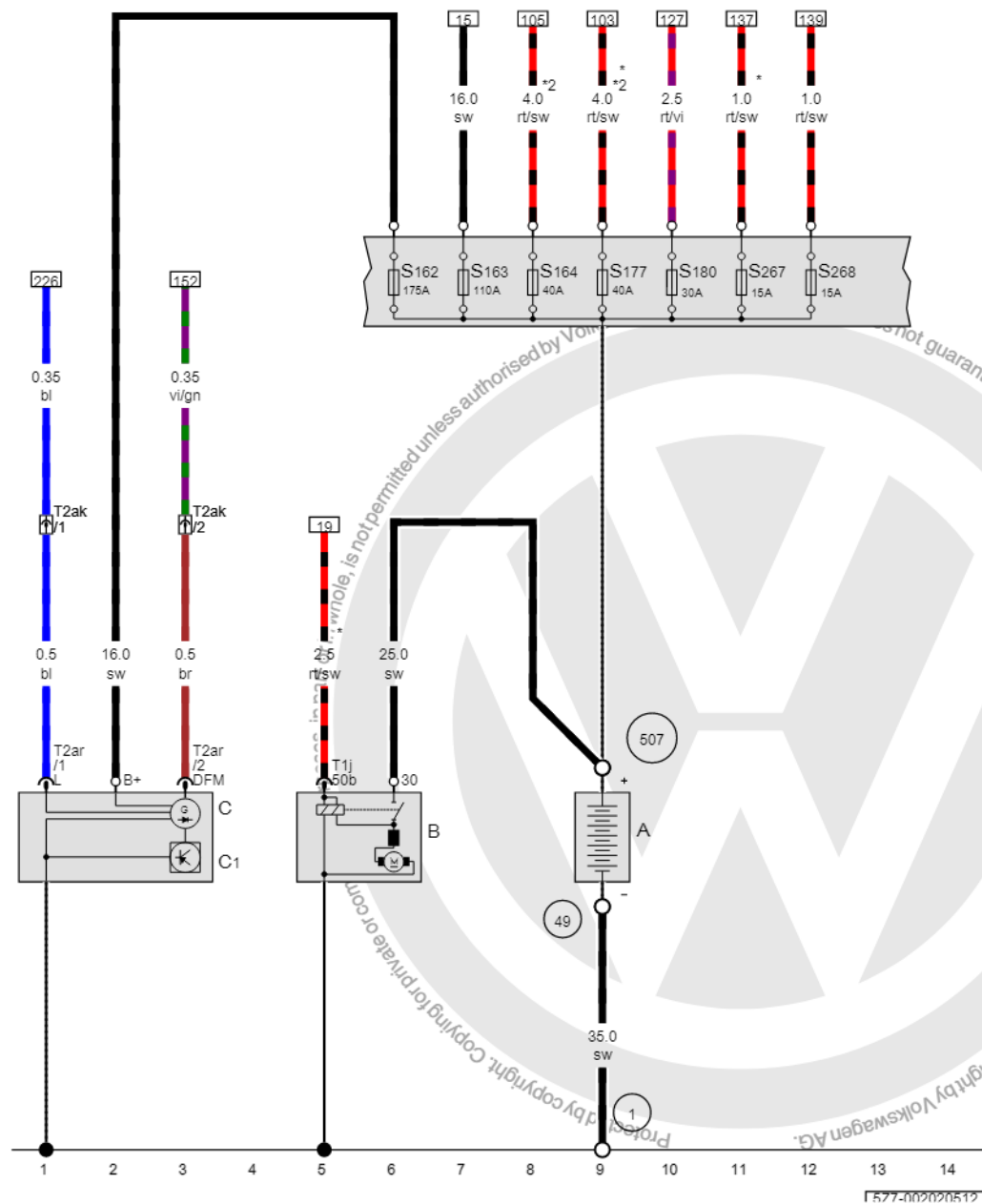
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- K Dash panel insert
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T32a 32-pin connector
- B321 Positive connection 7 (30a) in main wiring harness
- \* Only models with air conditioning system

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## 1.6l engine , CFZA

From January 2011





Battery, Starter, Alternator, Voltage regulator

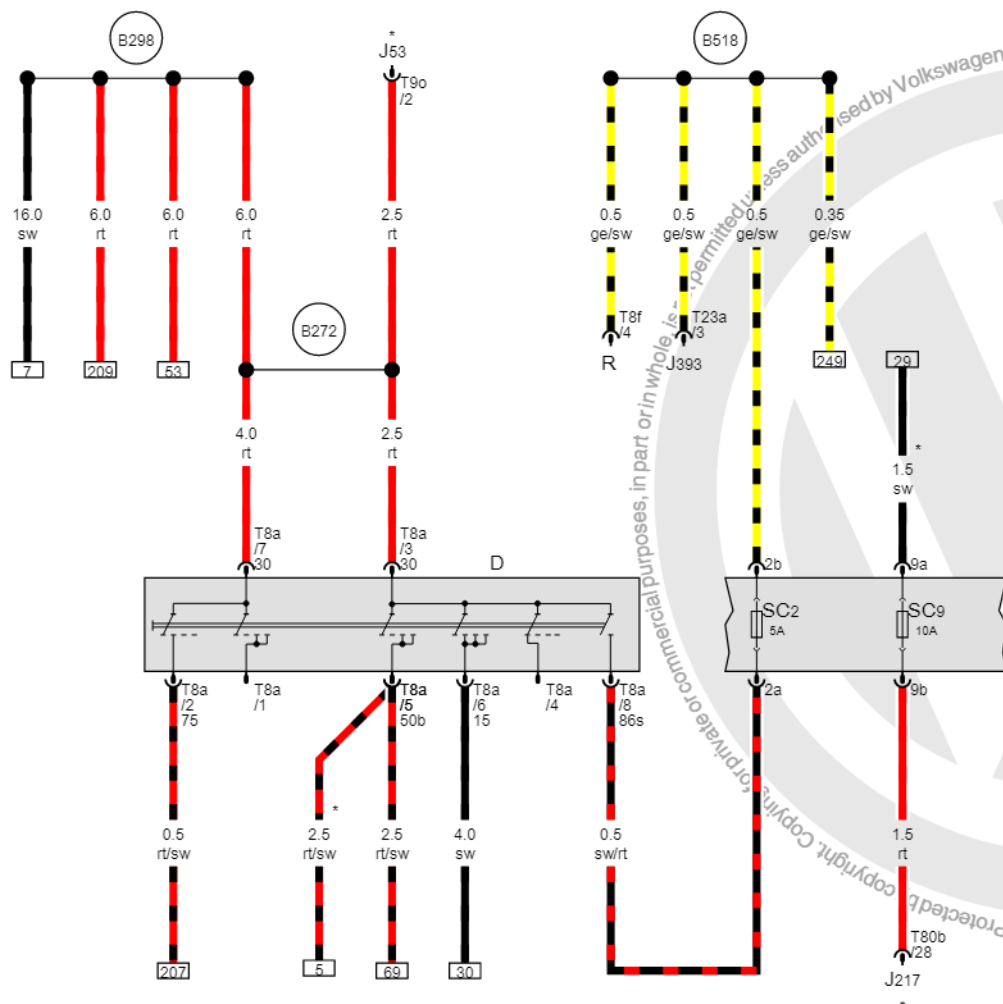
- |      |  |
|------|--|
| A    | Battery  |
| B    | Starter  |
| C    | Alternator                                       |
| C1   | Voltage regulator                                |
| S162 | Fuse 1 (30), in battery fuse holder              |
| S163 | Fuse 2 (30), in battery fuse holder              |
| S164 | Fuse 3 (30), in battery fuse holder              |
| S177 | Fuse 5 (30), in battery fuse holder              |
| S180 | Fuse 8 (30), in battery fuse holder              |
| S267 | Fuse 9 (30), in battery fuse holder              |
| S268 | Fuse 10 (30), in battery fuse holder             |
| T1j  | Single connector                                 |
| T2ak | 2-pin connector, in engine compartment           |
| T2ar | 2-pin connector                                  |
| 1    | Earth strap, battery - body                      |
| 49   | Earth point, near ..., near battery              |
| 507  | Threaded connection (30), on battery fuse holder |
| *    | Only models with automated manual gearbox        |
| *2   | Only models with air conditioning system         |

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# Ignition/starter switch

- D Ignition/starter switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J393 Convenience system central control unit
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T8a 8-pin connector
- T8b 8-pin connector
- T9a 9-pin connector
- T23a 23-pin connector
- T80b 80-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Only models with automated manual gearbox



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Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T75a 75-pin connector

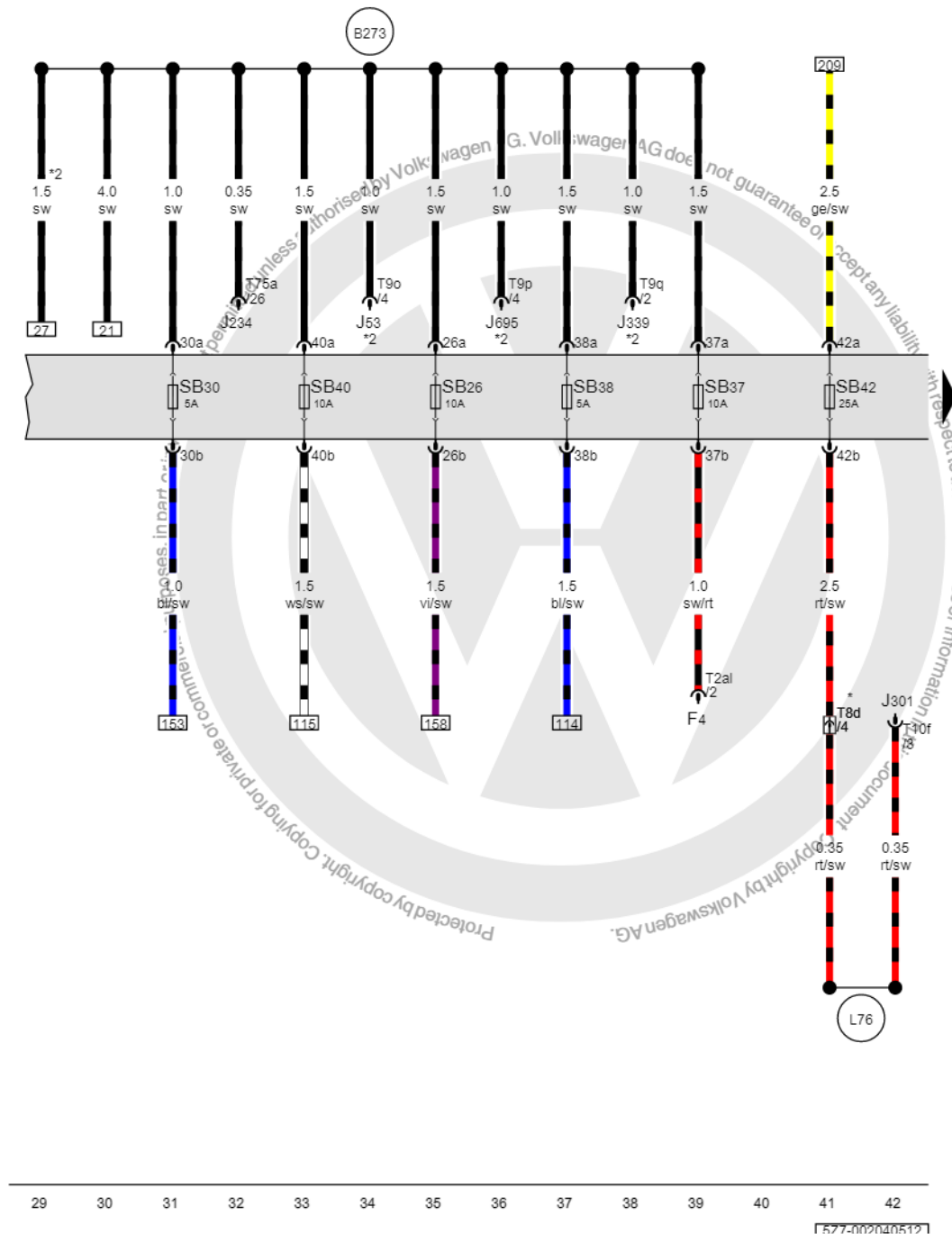
B273 Positive connection (15), in main wiring harness

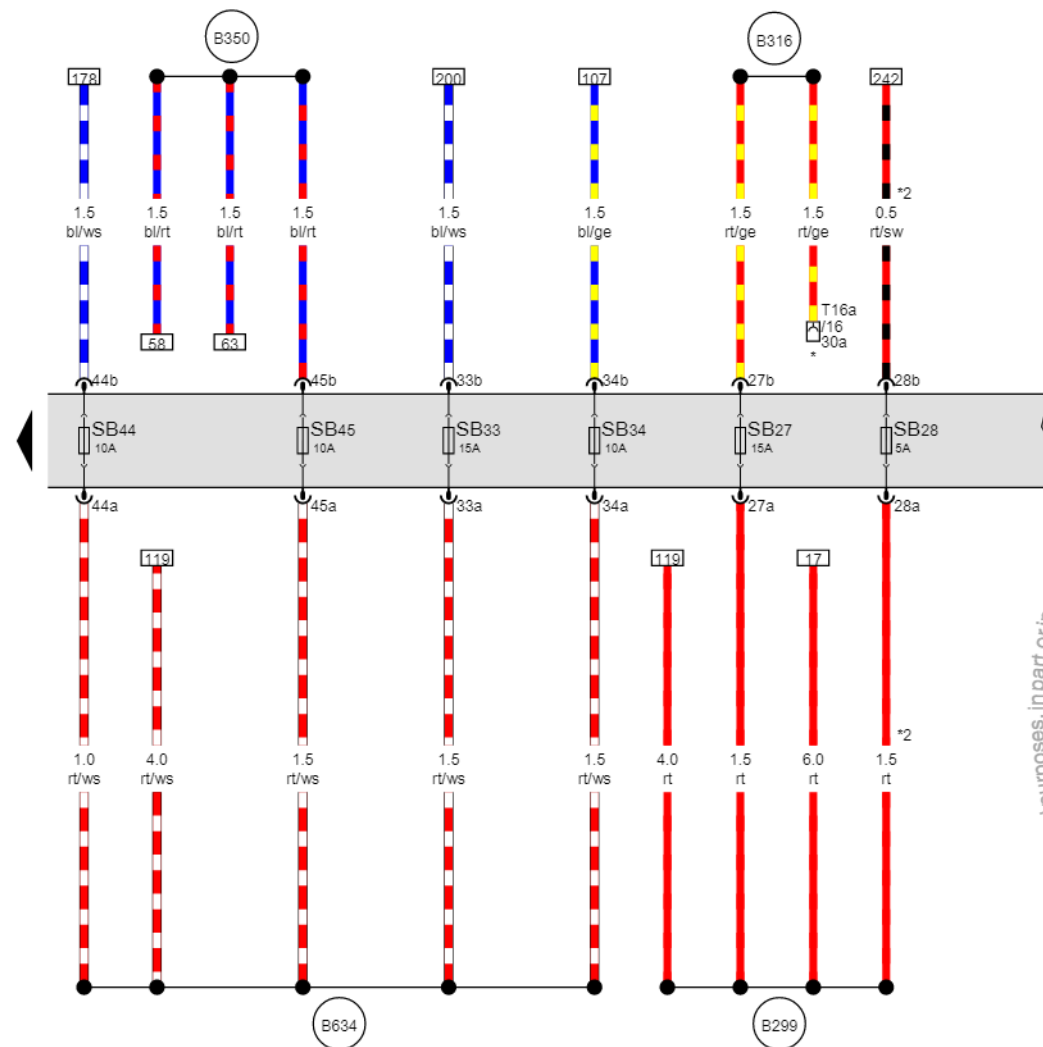
L76 Connection (87), in air conditioning system wiring harness

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\*2 Only models with automated manual gearbox

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Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B  
 SB28 Fuse 28 on fuse holder B  
 SB33 Fuse 33 on fuse holder B  
 SB34 Fuse 34 on fuse holder B  
 SB44 Fuse 44 on fuse holder B  
 SB45 Fuse 45 on fuse holder B  
 T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

\* Diagnostic connection

\*2 Only models with air conditioning system

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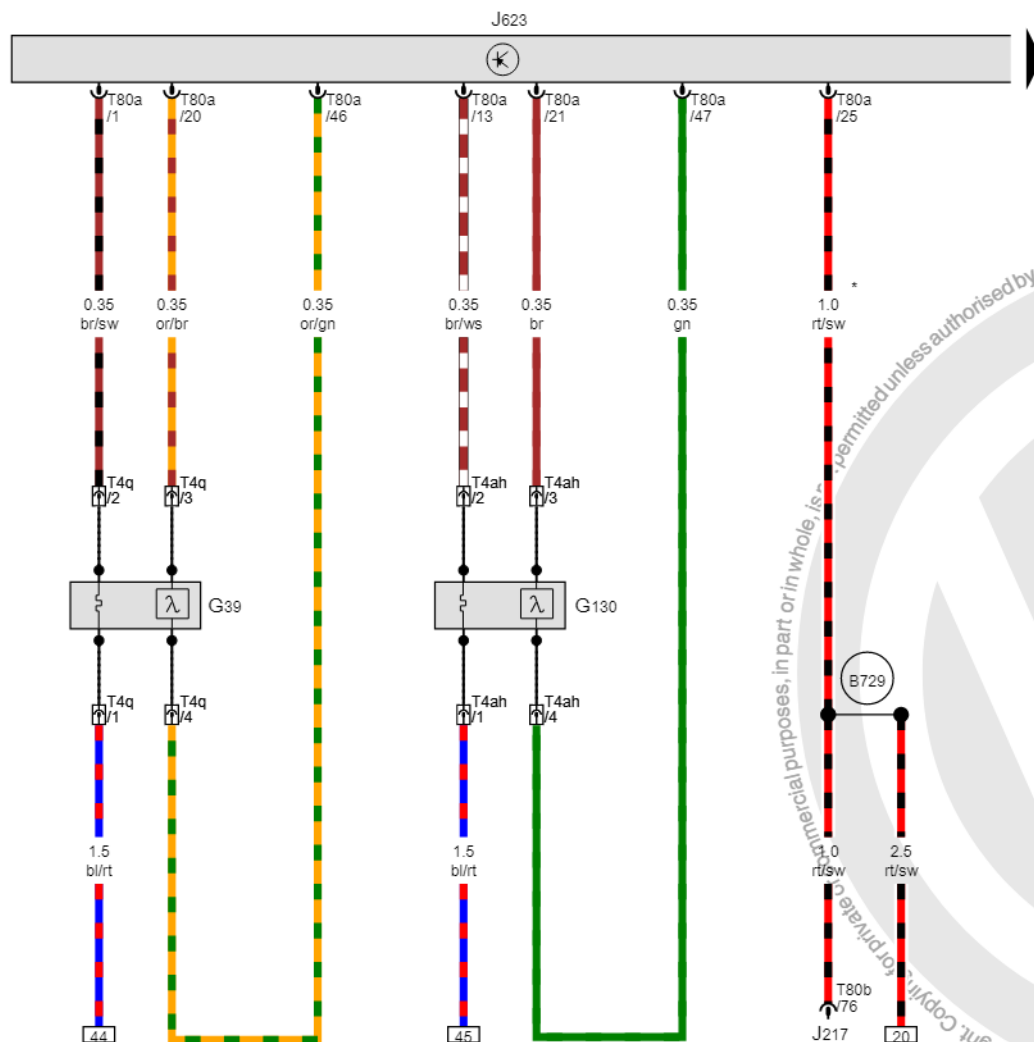
43 44 45 46 47 48 49 50 51 52 53 54 55 56

1577-002050512

Lambda probe, Lambda probe after catalytic converter,  
Engine control unit

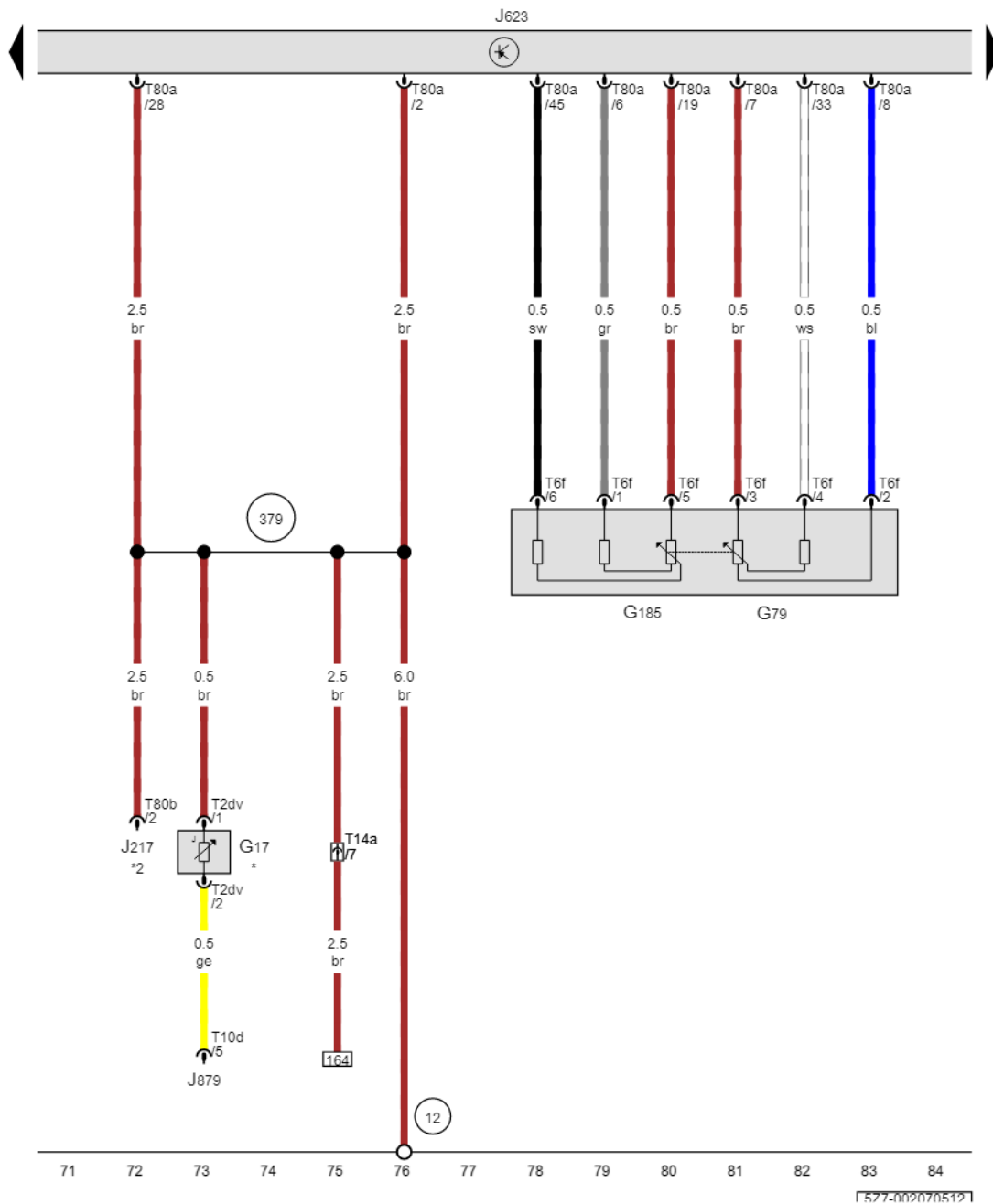
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T4ah 4-pin connector
- T4q 4-pin connector
- T80a 80-pin connector
- T80b 80-pin connector

- B729 Connection 1 (50), in main wiring harness
- \* Only models with automated manual gearbox



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Ambient temperature sensor, Accelerator position sender, Accelerator position sender 2, Engine control unit

- G17 Ambient temperature sensor
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- T2dv 2-pin connector
- T6f 6-pin connector
- T10d 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector

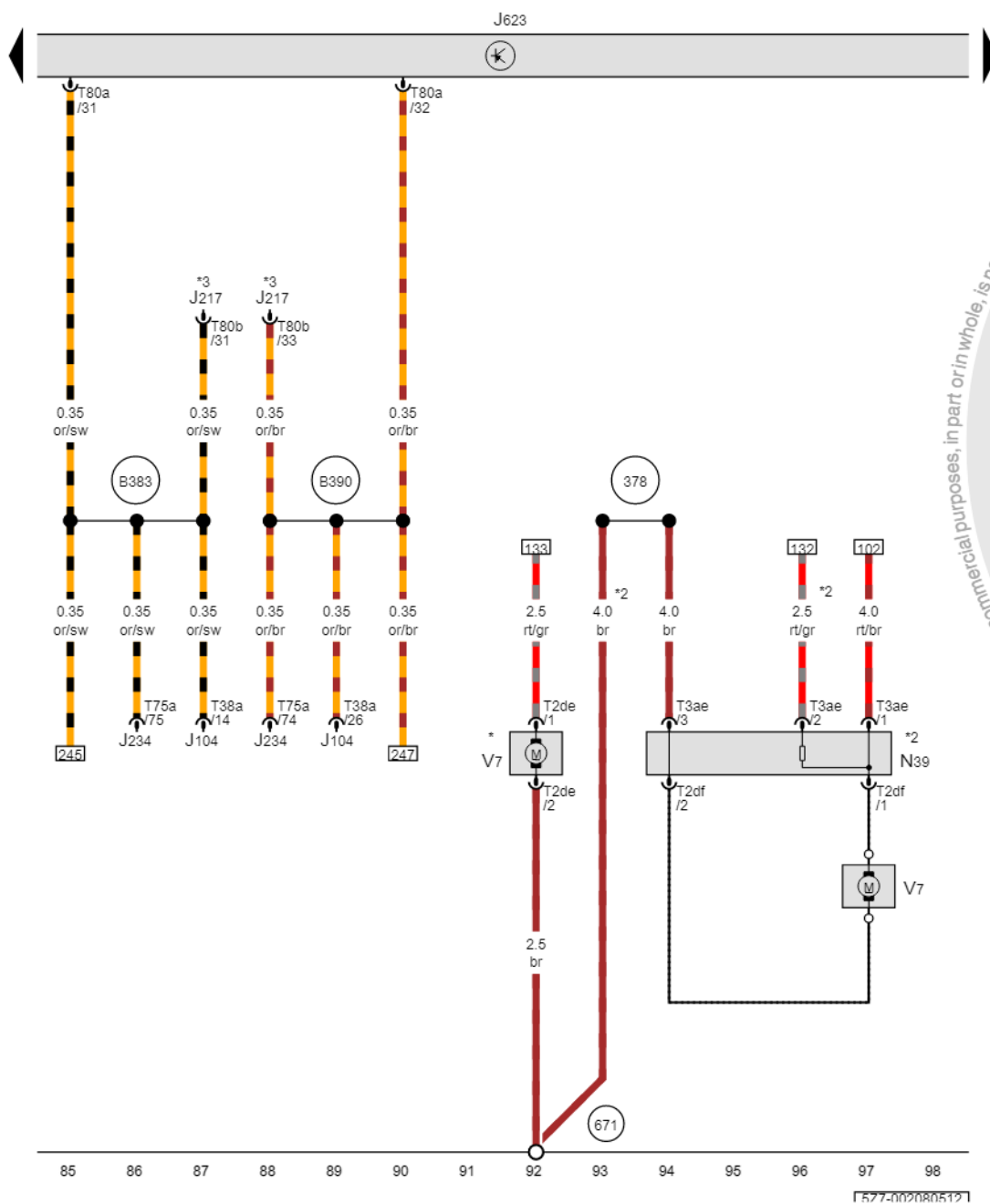
12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

\* For models with interactive system

\*2 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

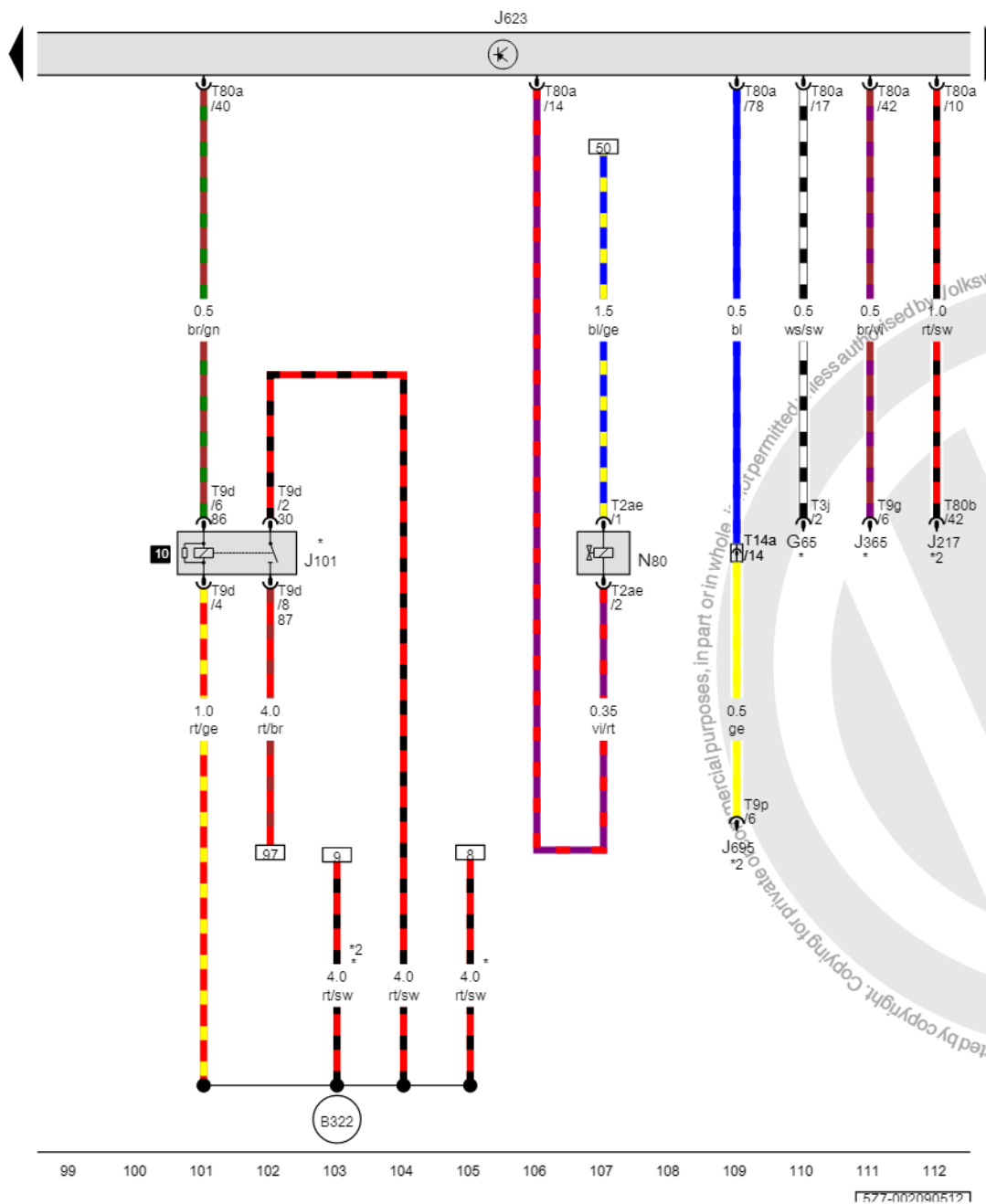


Engine control unit, Radiator fan series resistor, Radiator fan

- |             |   |
|-------------|---|
| J104        | ABS control unit  |
| J217        | Automatic gearbox control unit                                  |
| J234        | Airbag control unit   |
| J623        | Engine control unit   |
| N39         | Radiator fan series resistor                                    |
| T2de        | 2-pin connector   |
| T2df        | 2-pin connector   |
| T3ae        | 3-pin connector   |
| T38a        | 38-pin connector  |
| T75a        | 75-pin connector  |
| T80a        | 80-pin connector  |
| T80b        | 80-pin connector  |
| V7          | Radiator fan  |
| <b>378</b>  | Earth connection 13, in main wiring harness                     |
| <b>671</b>  | Earth point 1, on front of left longitudinal member             |
| <b>B383</b> | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| <b>B390</b> | Connection 1 (powertrain CAN bus, low), in main wiring harness  |
| *           | Only models with no air conditioning system                     |
| *2          | Only models with air conditioning system                        |
| *3          | Only models with automated manual gearbox                       |

ws = white  
sw = black  
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gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Radiator fan 2nd speed relay, Engine control unit, Activated charcoal filter solenoid valve 1



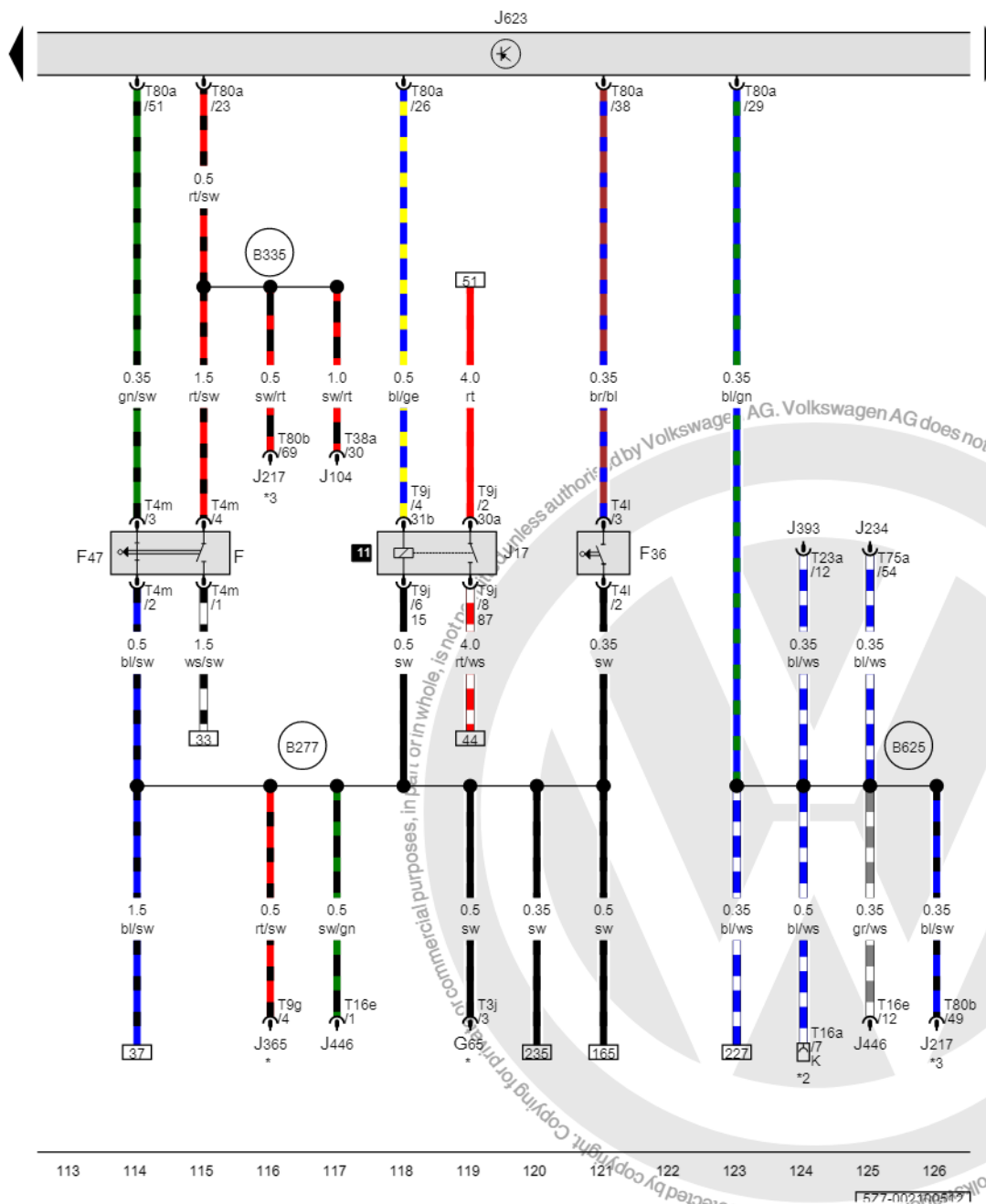
- G65 High-pressure sender
- J101 Radiator fan 2nd speed relay
- J217 Automatic gearbox control unit
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- J695 Starter motor relay 2
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector
- T3j 3-pin connector
- T9d 9-pin connector
- T9g 9-pin connector
- T9p 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector

B322 Positive connection 8 (30a) in main wiring harness

- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

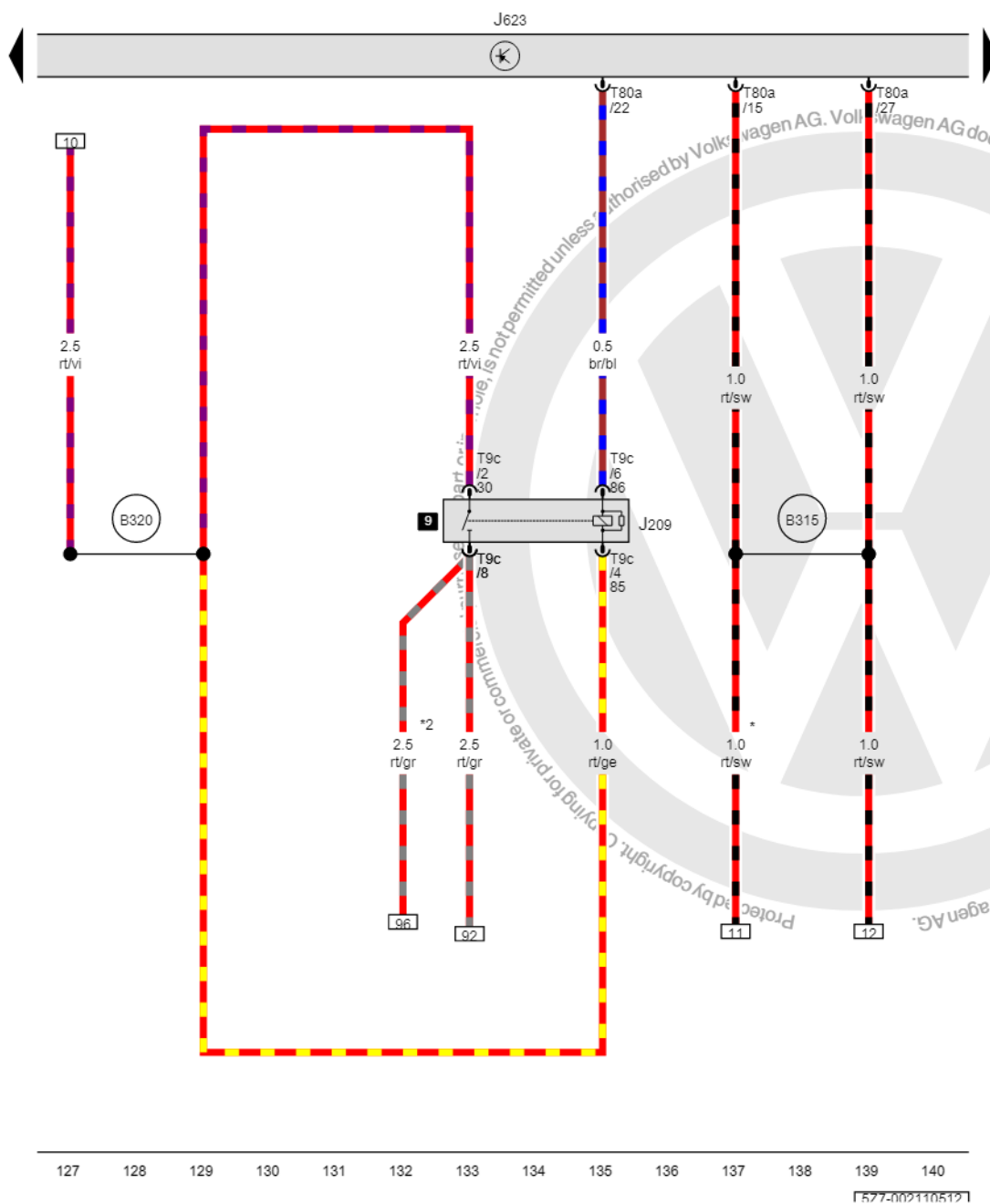
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit



- F Brake light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G65 High-pressure sender
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J365 Air conditioning system switch-off relay
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- T3j 3-pin connector
- T4l 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- (B277) Positive connection 1 (15a) in main wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- \* Only models with air conditioning system
- \*2 Diagnostic connection
- \*3 Only models with automated manual gearbox

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Fresh air blower and radiator fan relay, Engine control unit



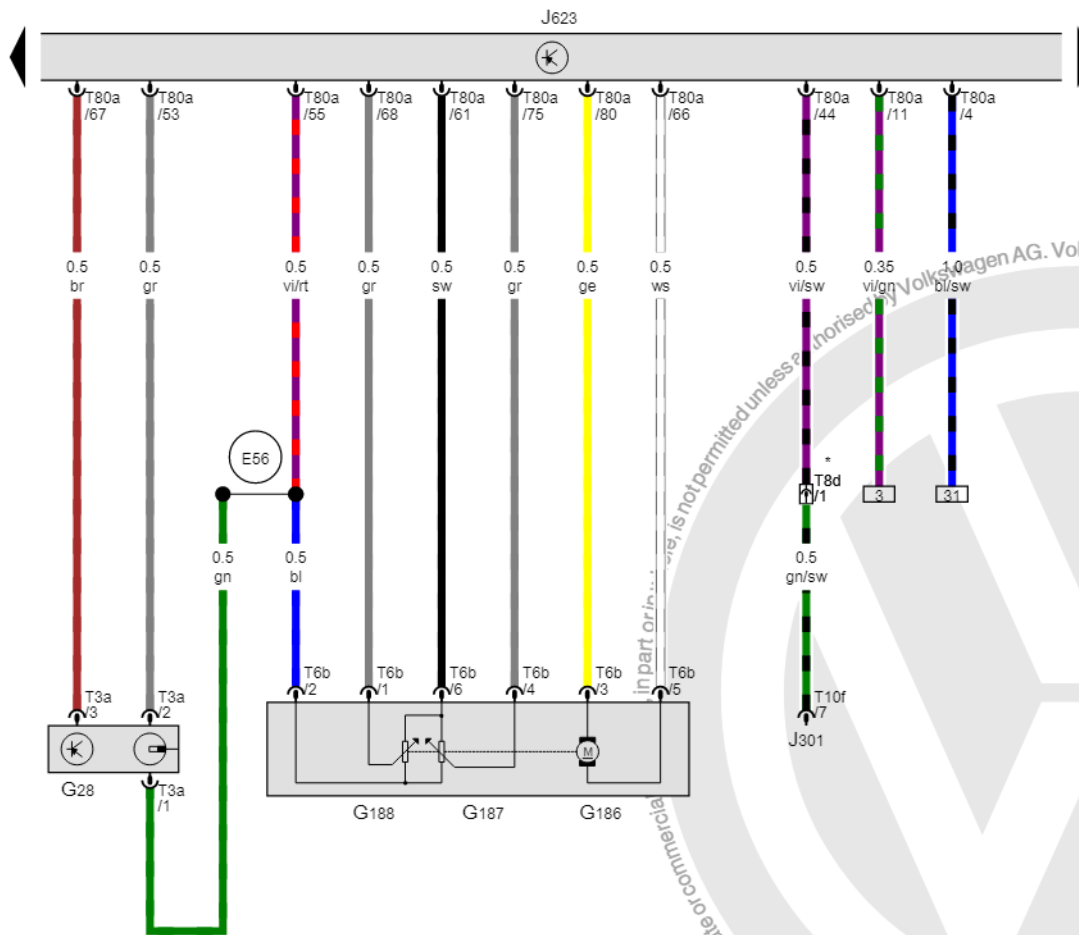
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- T9c 9-pin connector
- T80a 80-pin connector
- B315 Positive connection 1 (30a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- \* Only models with automated manual gearbox
- \*2 Only models with air conditioning system

Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

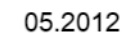
- |      |   |
|------|---|
| G28  | Engine speed sender                                       |
| G186 | Throttle valve drive for electric throttle                |
| G187 | Throttle valve drive angle sender 1 for electric throttle |
| G188 | Throttle valve drive angle sender 2 for electric throttle |
| J301 | Air conditioning system control unit                      |
| J623 | Engine control unit                                       |
| T3a  | 3-pin connector   |
| T6b  | 6-pin connector   |
| T8d  | 8-pin connector, behind dash panel, centre                |
| T10f | 10-pin connector  |
| T80a | 80-pin connector  |

(E56) Connection 1, in injection system wiring harness

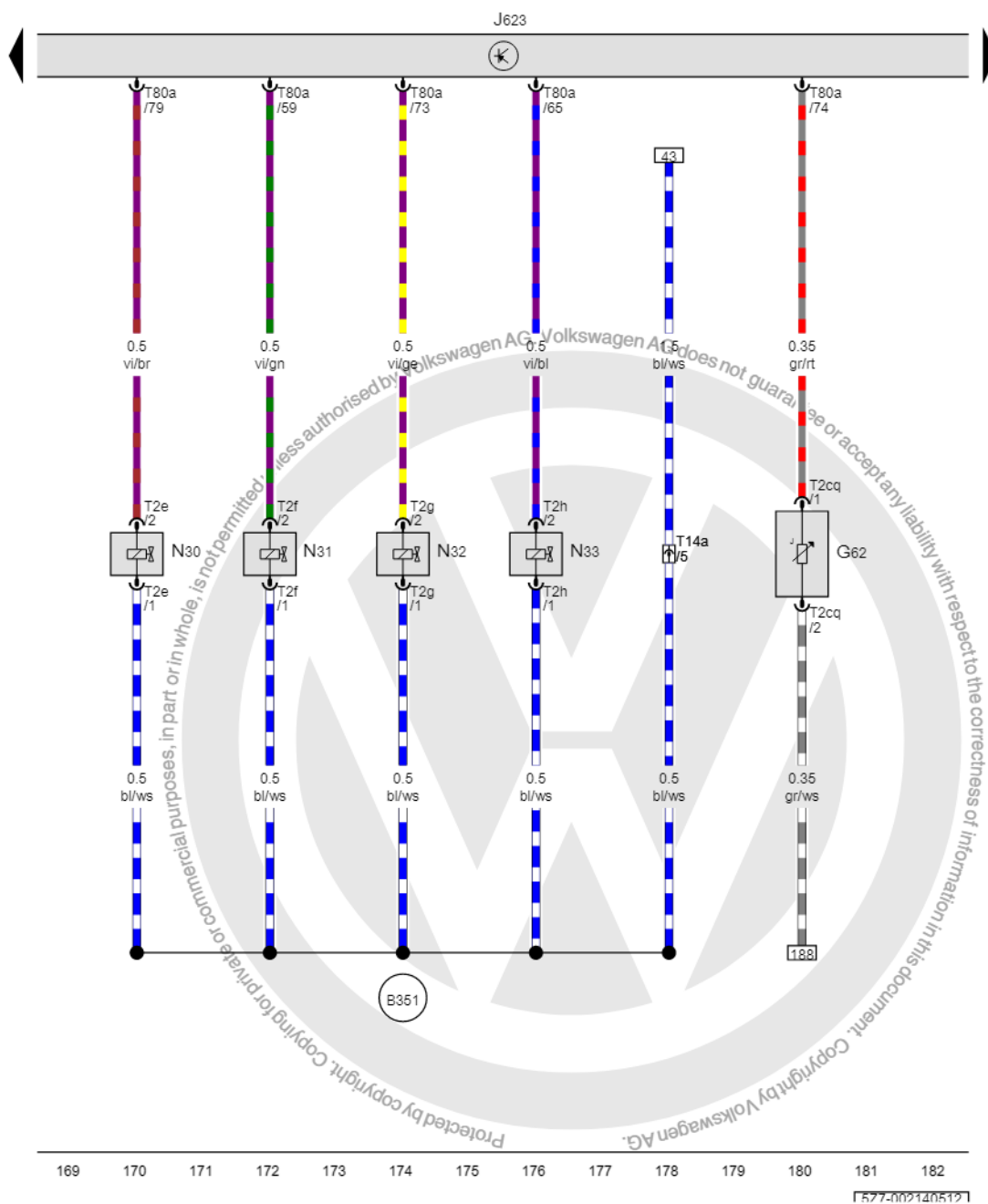
\* Only models with air conditioning system



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink







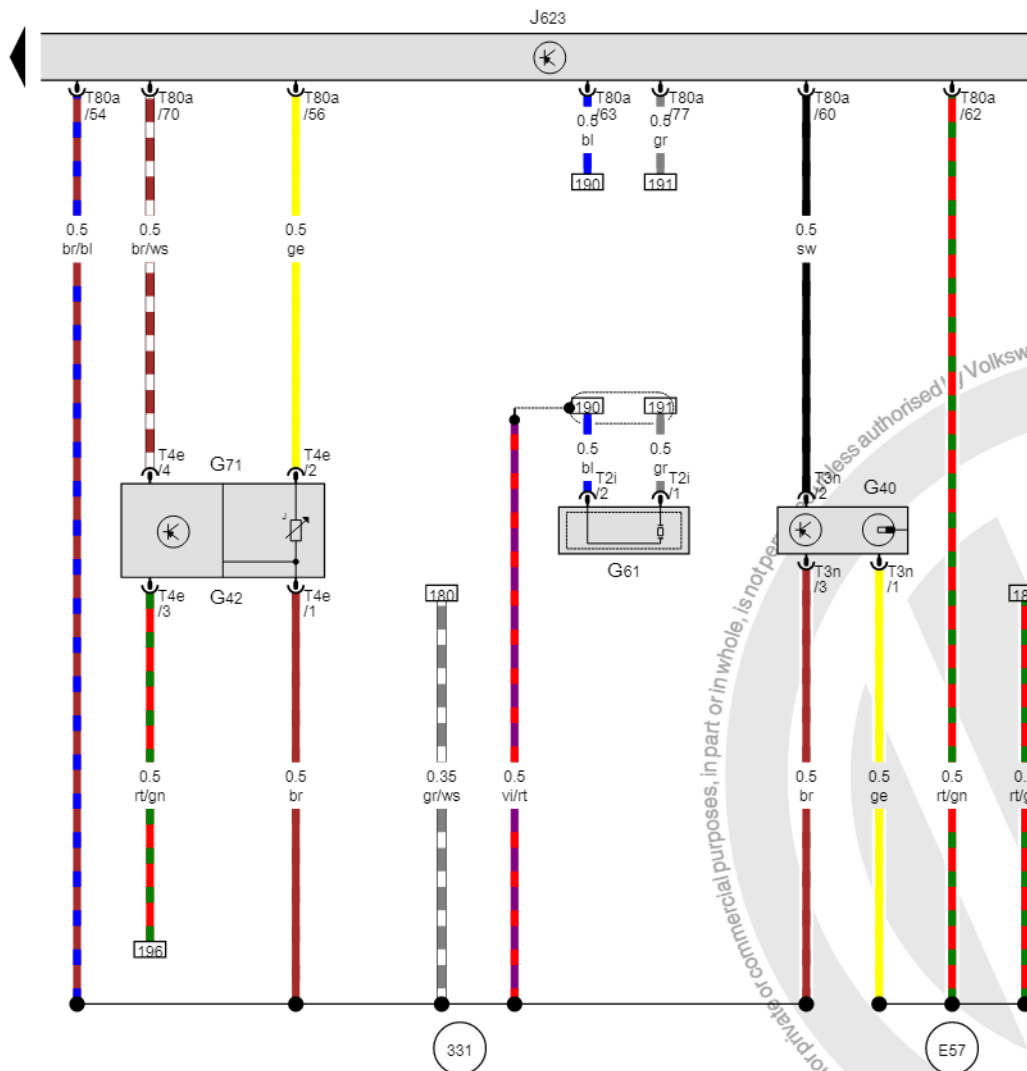
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cq 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- B351 Positive connection 2 (87a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



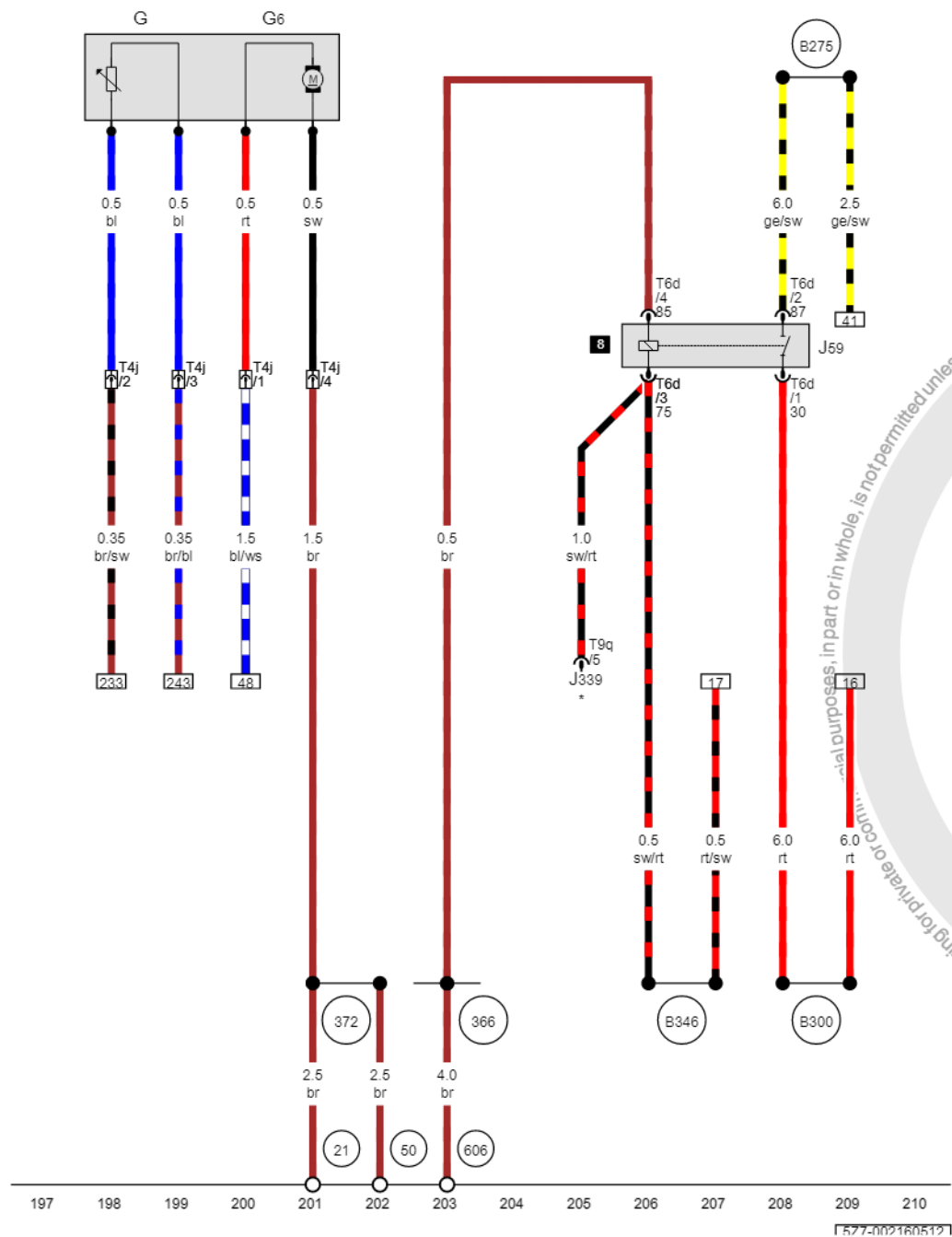
Hall sender, Intake air temperature sender, Knock sensor 1,  
Intake manifold pressure sender, Engine control unit



- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T80a 80-pin connector

- 331 Earth connection, in injection system wiring harness
- E57 Connection 2, in injection system wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T4j 4-pin connector
- T6d 6-pin connector
- T9q 9-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- \* Only models with automated manual gearbox

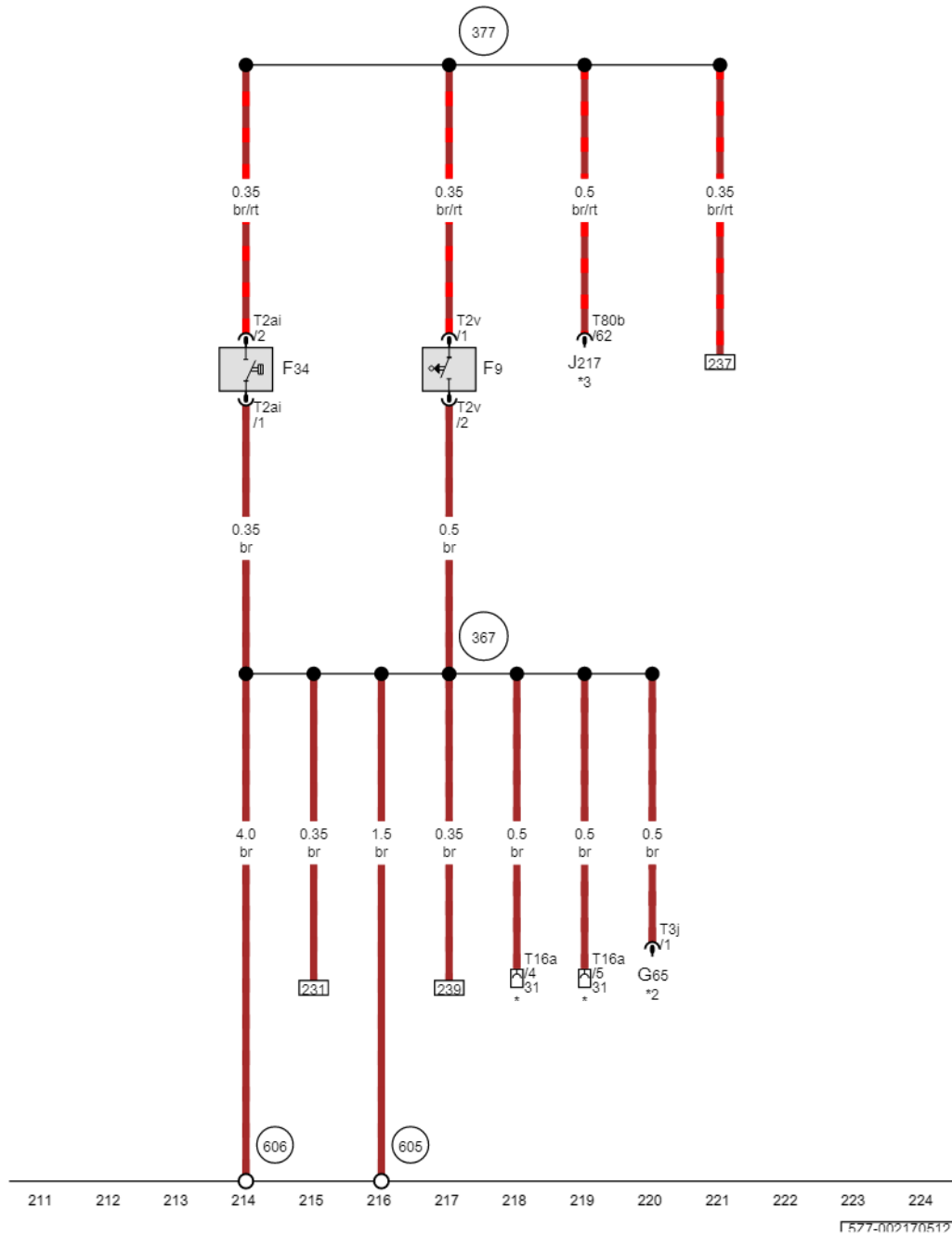
- ws = white
- sw = black
- rg = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Handbrake warning switch, Brake fluid level warning contact

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G65 High-pressure sender
- J217 Automatic gearbox control unit
- T2ai 2-pin connector
- T2v 2-pin connector
- T3j 3-pin connector
- T16a 16-pin connector
- T80b 80-pin connector

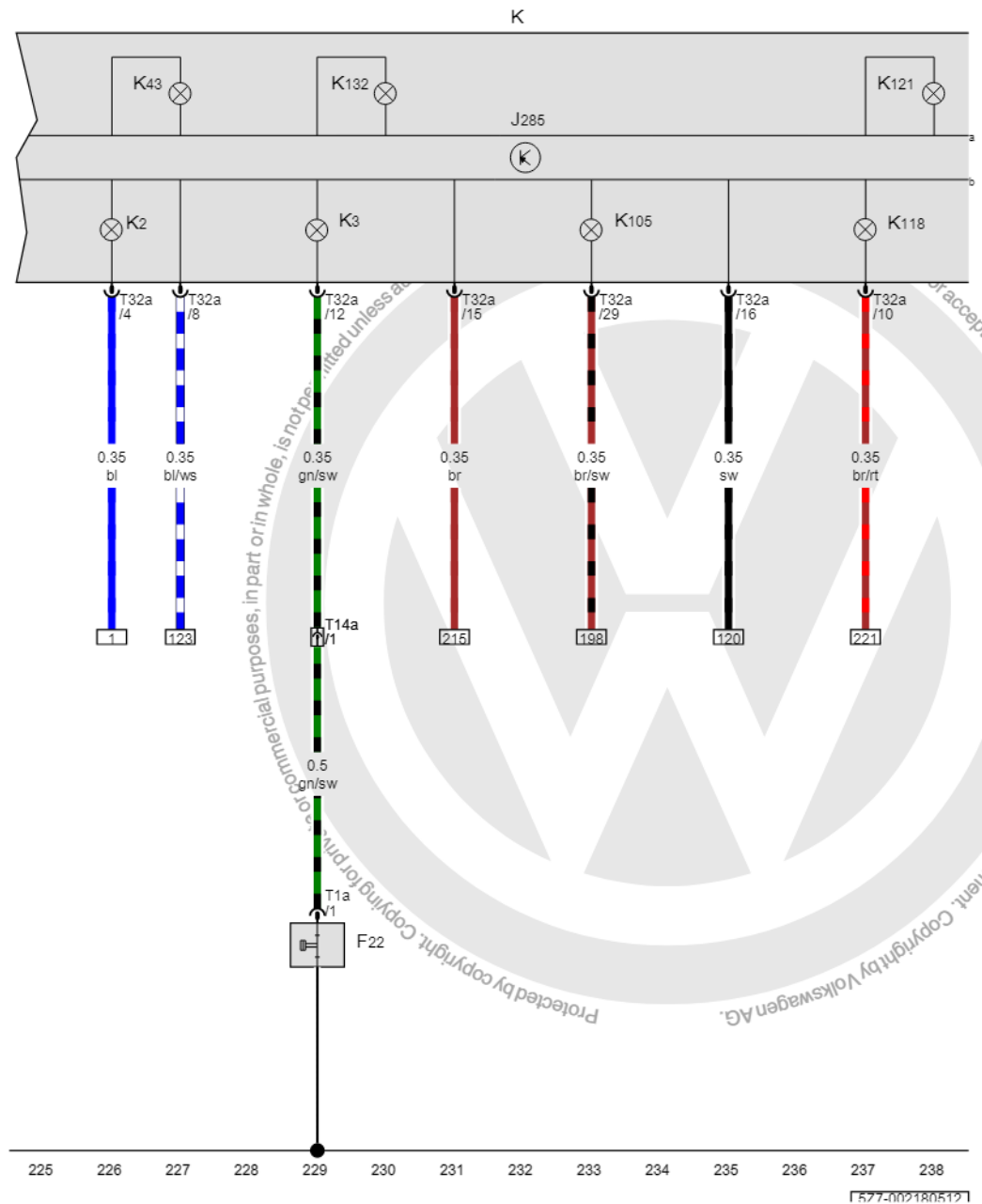
- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- \* Diagnostic connection
- \*2 Only models with air conditioning system
- \*3 Only models with automated manual gearbox

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



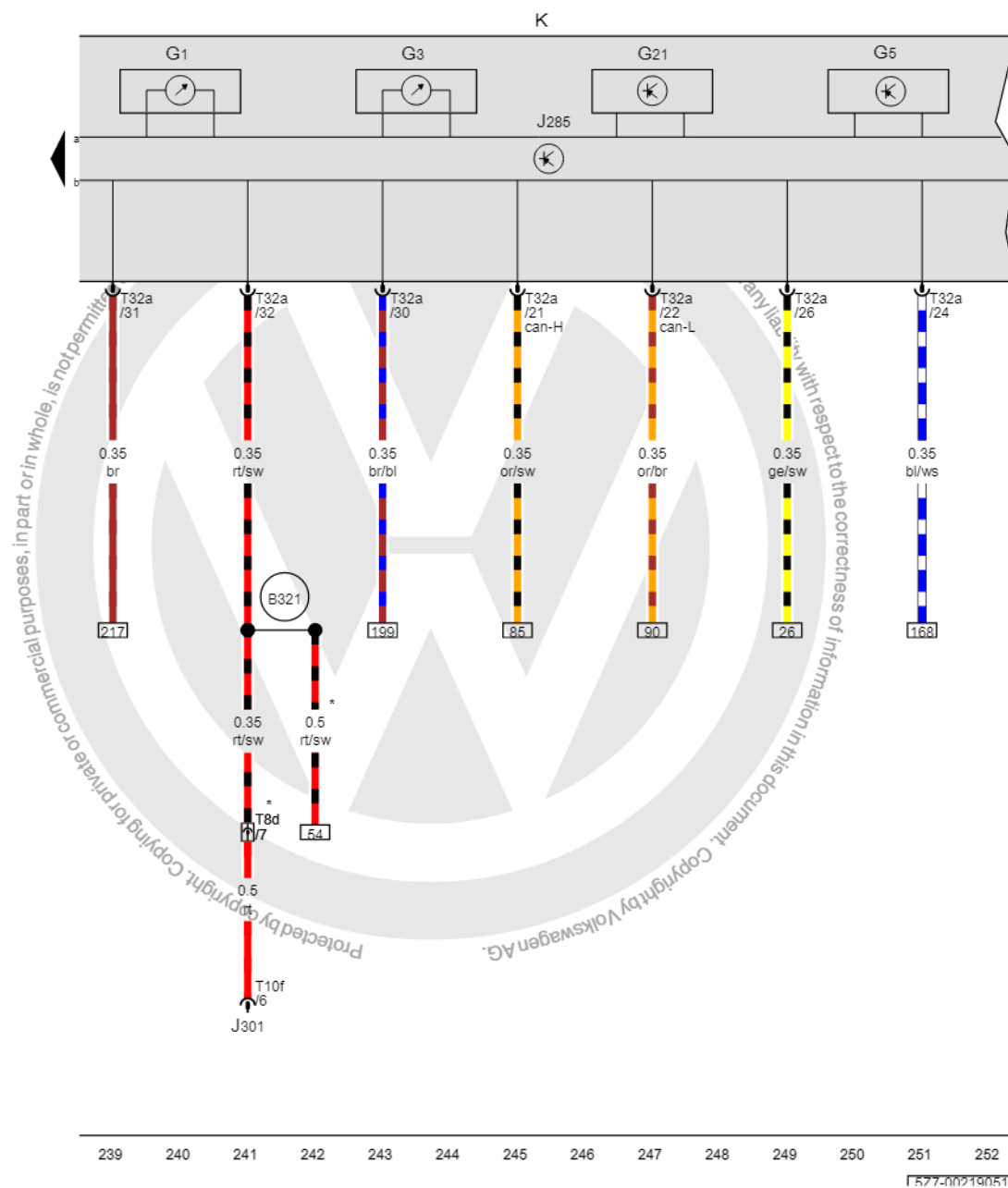
Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp

- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector



Fuel gauge, Coolant temperature gauge, Rev. counter,  
Speedometer, Control unit in dash panel insert, Dash panel  
insert

- |             |  |
|-------------|--|
| G1          | Fuel gauge   |
| G3          | Coolant temperature gauge                          |
| G5          | Rev. counter                                       |
| G21         | Speedometer  |
| J285        | Control unit in dash panel insert                  |
| J301        | Air conditioning system control unit               |
| K           | Dash panel insert                                  |
| T8d         | 8-pin connector, behind dash panel, centre         |
| T10f        | 10-pin connector                                   |
| T32a        | 32-pin connector                                   |
| <b>B321</b> | Positive connection 7 (30a) in main wiring harness |
| *           | Only models with air conditioning system           |



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gn = green  
bl = blue  
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vi = purple  
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or = orange  
rs = pink

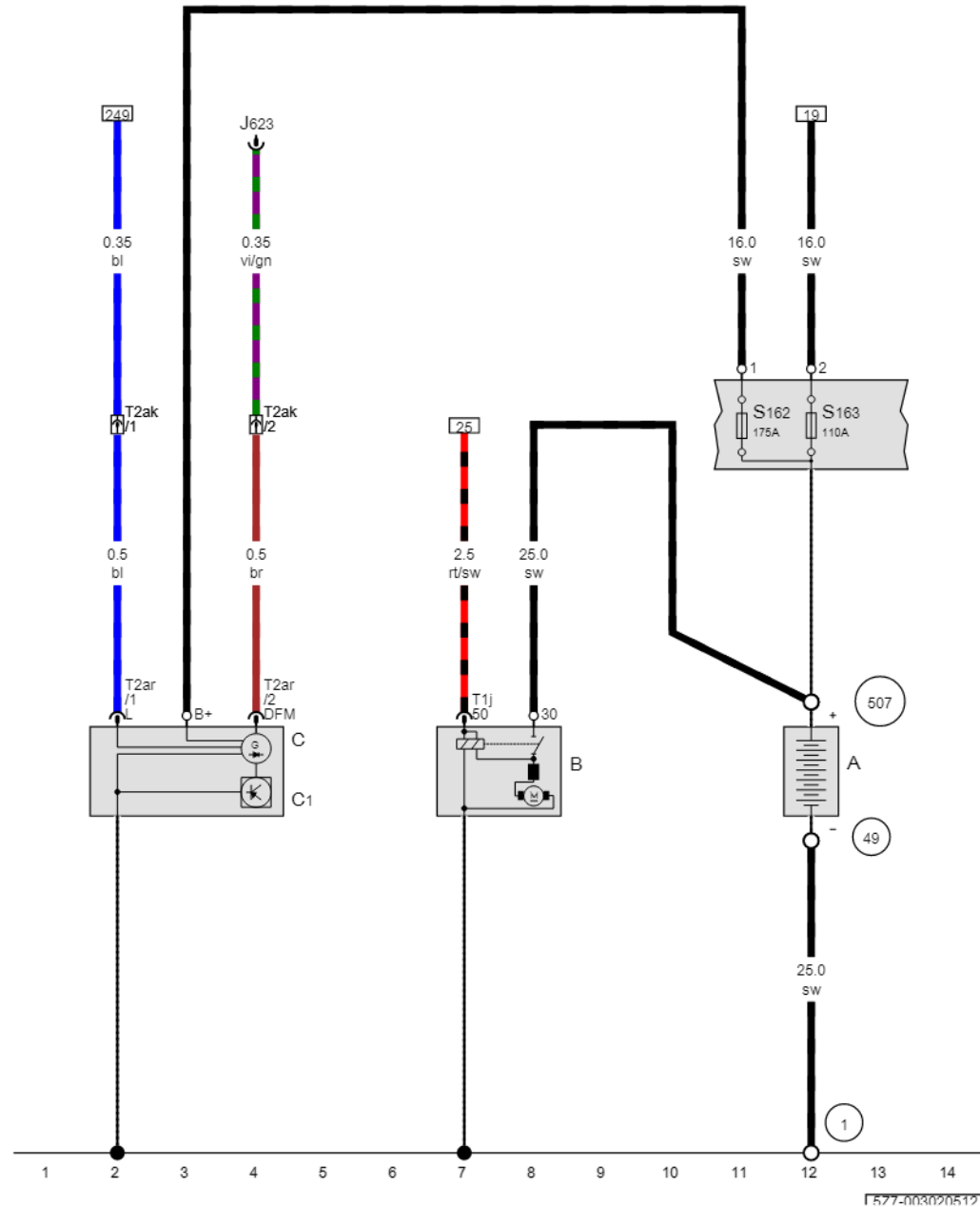
## Convenience system

From January 2011



Battery, Starter, Alternator, Voltage regulator

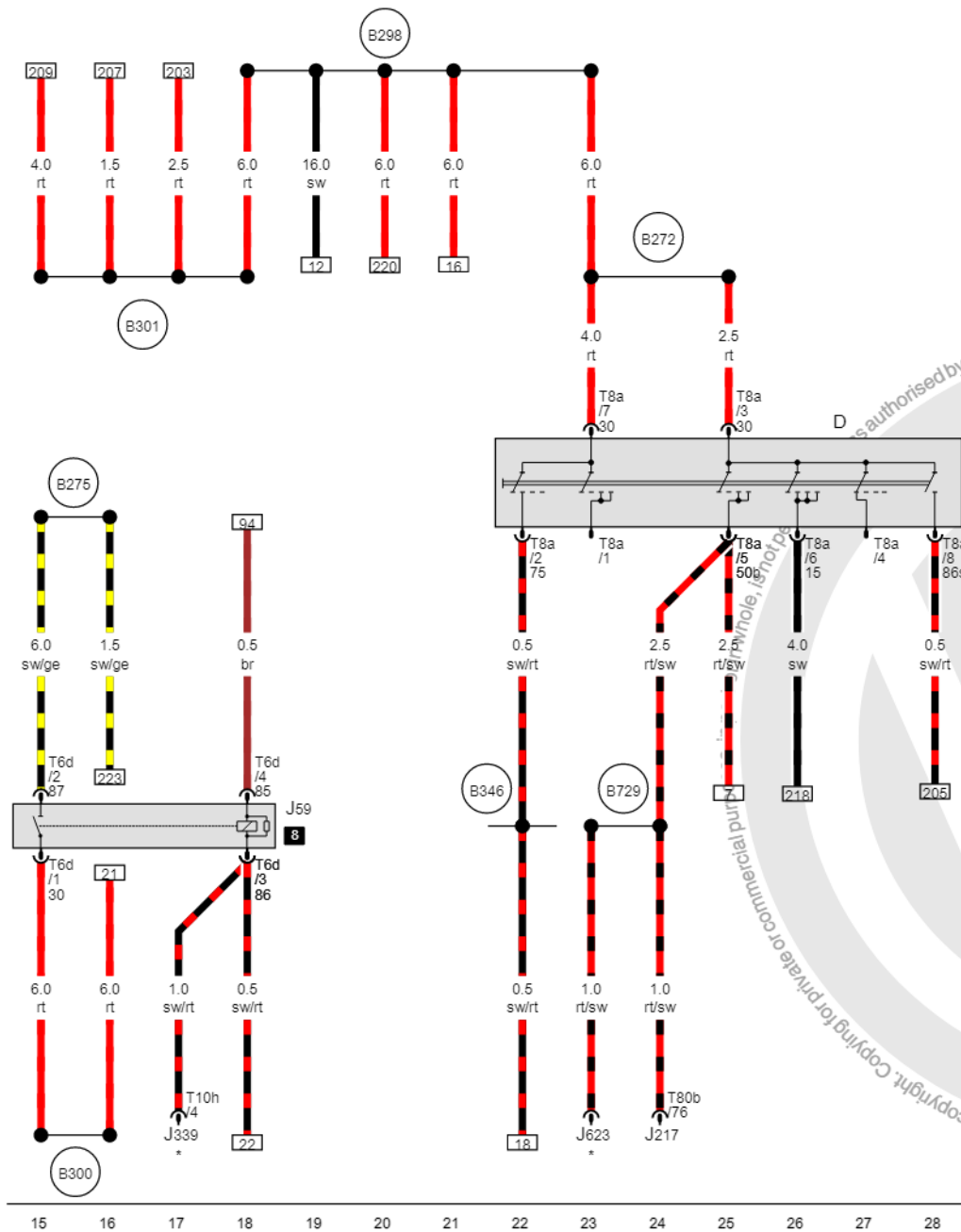
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



Ignition/starter switch, X-contact relief relay

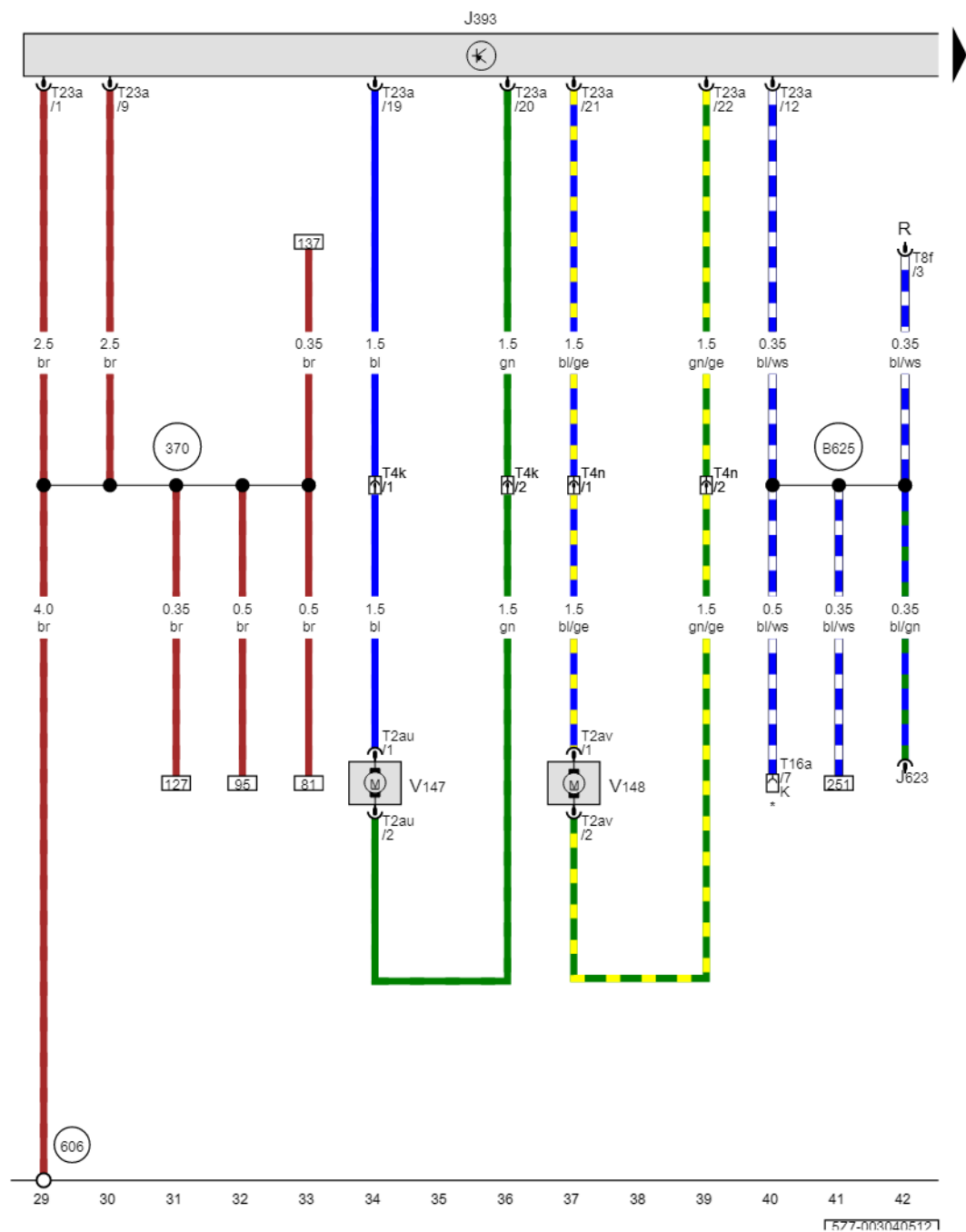
- D Ignition/starter switch
- J59 X-contact relief relay
- J217 Automatic gearbox control unit
- J339 X contact relief relay 2
- J623 Engine control unit
- T6d 6-pin connector
- T8a 8-pin connector
- T10h 10-pin connector
- T80b 80-pin connector

- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- \* Only models with automated manual gearbox



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- br = brown
- gn = green
- bl = blue
- gr = grey
- ll = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



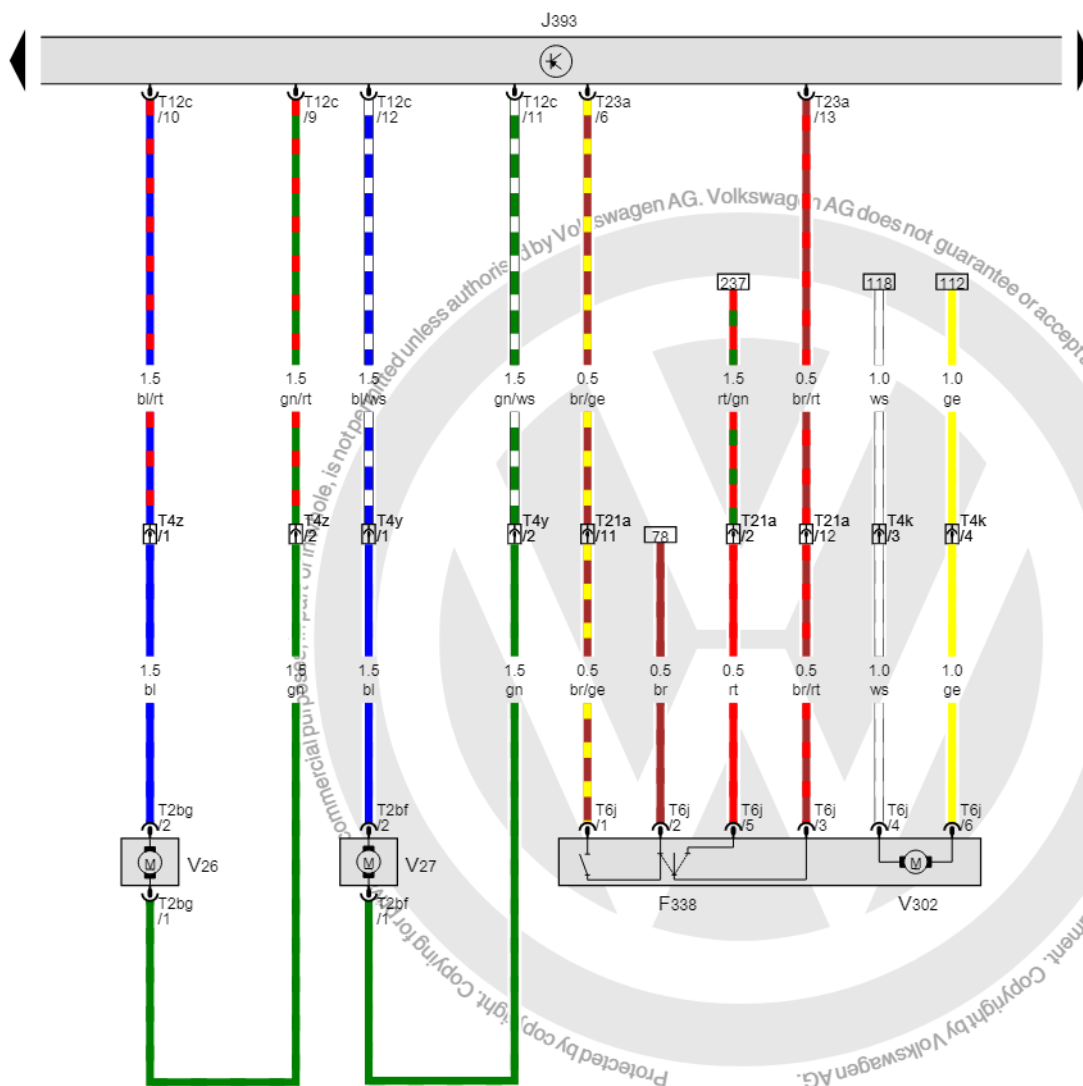


Convenience system central control unit, Driver side window regulator motor, Front passenger side window regulator motor

- |      |   |
|------|---|
| J393 | Convenience system central control unit     |
| J623 | Engine control unit                         |
| R    | Radio                                       |
| T2au | 2-pin connector                             |
| T2av | 2-pin connector                             |
| T4k  | 4-pin connector, in front left door         |
| T4n  | 4-pin connector, in front right door        |
| T8f  | 8-pin connector                             |
| T16a | 16-pin connector                            |
| T23a | 23-pin connector                            |
| V147 | Driver side window regulator motor          |
| V148 | Front passenger side window regulator motor |

- |      |   |
|------|---|
| 370  | Earth connection 5, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| 12   | Diagnostic connection                                 |

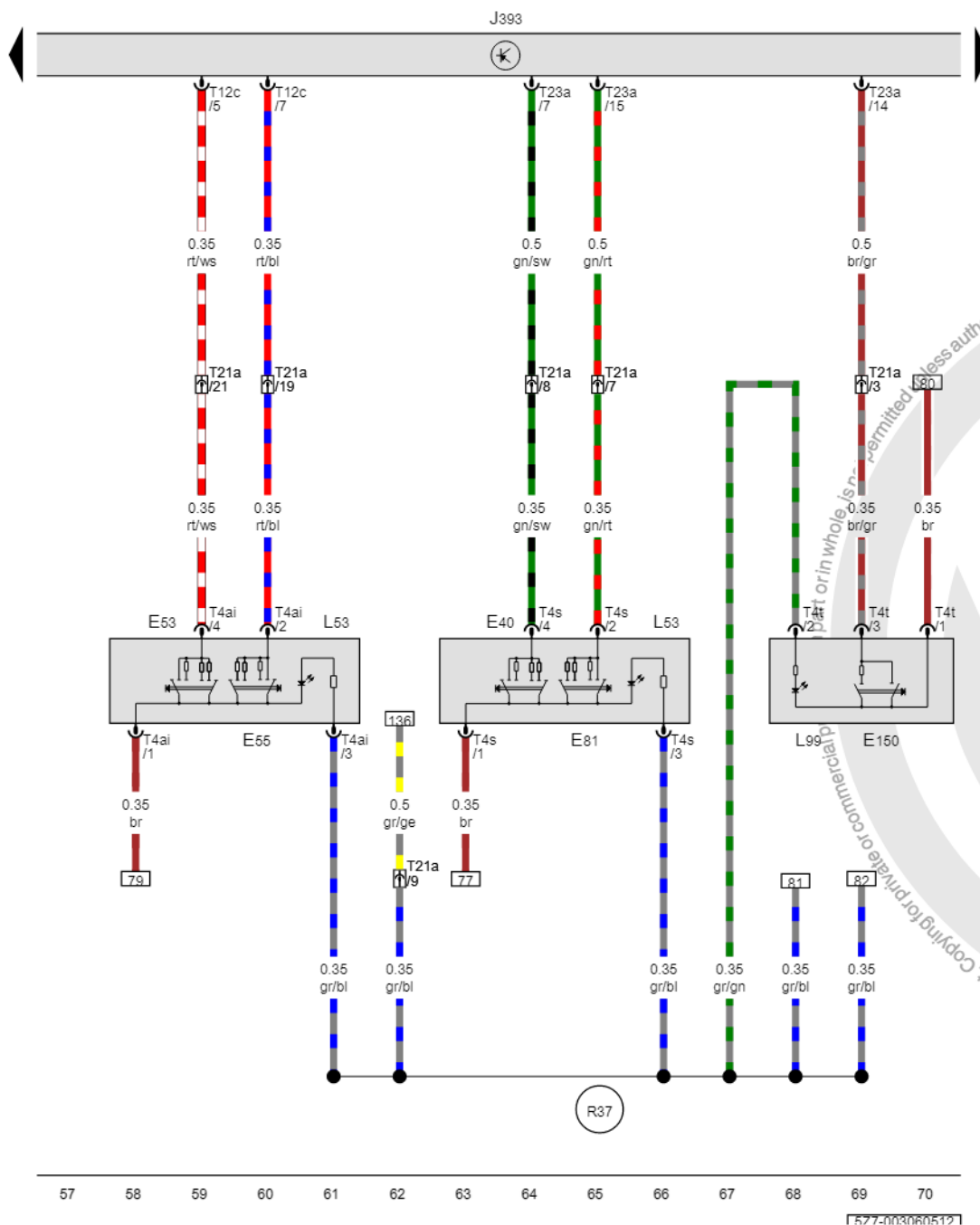
ws = white  
sw = black  
ro = red  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Driver door power latching system contact switch,  
Convenience system central control unit, Rear left window  
regulator motor, Rear right window regulator motor, Driver  
door power latching motor

- F338 Driver door power latching system contact switch
- J393 Convenience system central control unit
- T2bf 2-pin connector
- T2bg 2-pin connector
- T4k 4-pin connector, in front left door
- T4y 4-pin connector, in rear right door
- T4z 4-pin connector, in rear left door
- T6j 6-pin connector
- T12c 12-pin connector
- T21a 21-pin connector, in front left door
- T23a 23-pin connector
- V26 Rear left window regulator motor
- V27 Rear right window regulator motor
- V302 Driver door power latching motor

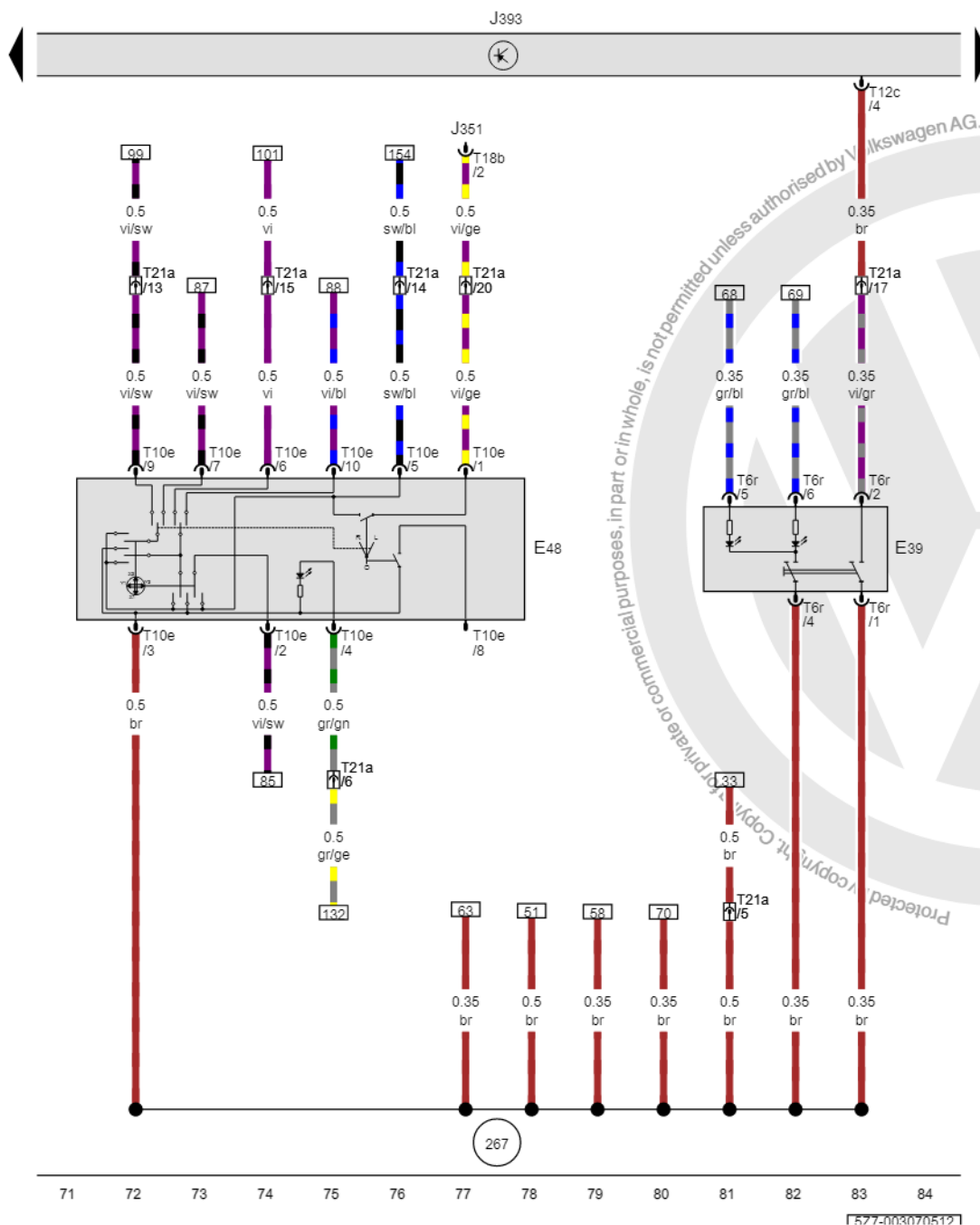
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Driver side interior locking switch, Convenience system central control unit

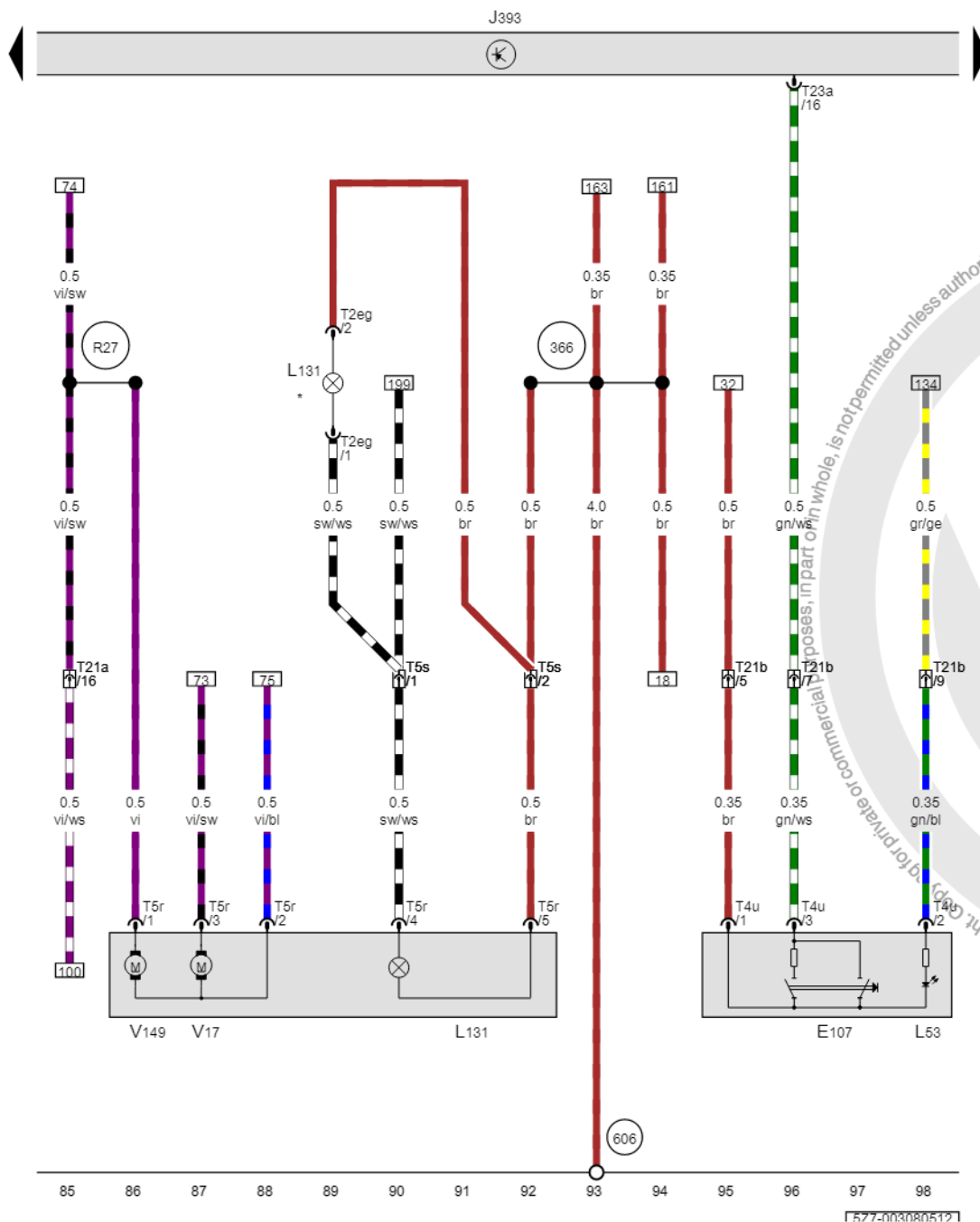
- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E150 Driver side interior locking switch
- J393 Convenience system central control unit
- L53 Window regulator switch illumination bulb
- L99 Interior lock switch illumination bulb
- T4ai 4-pin connector
- T4s 4-pin connector
- T4t 4-pin connector
- T12c 12-pin connector
- T21a 21-pin connector, in front left door
- T23a 23-pin connector
- R37 Connection 1 (window regulator), in driver door wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Rear window regulator isolation switch, Mirror adjustment changeover switch, Convenience system central control unit

- E39 Rear window regulator isolation switch
- E48 Mirror adjustment changeover switch
- J351 Folding exterior mirror control unit
- J393 Convenience system central control unit
- T6r 6-pin connector
- T10e 10-pin connector
- T12c 12-pin connector
- T18b 18-pin connector
- T21a 21-pin connector, in front left door
- 267 Earth connection 2, in drive side door wiring harness

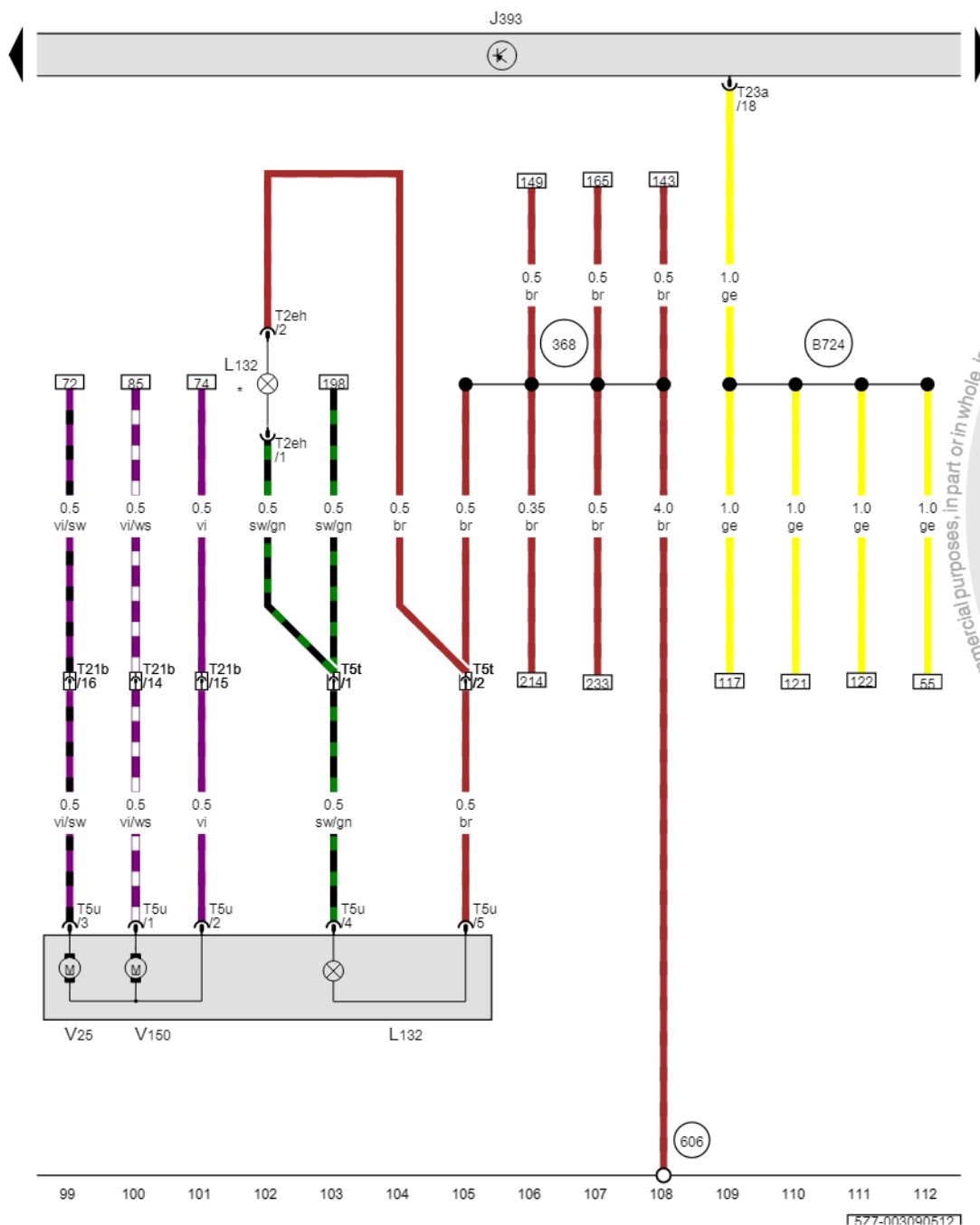


Window regulator switch in front passenger door,  
Convenience system central control unit, Window regulator  
switch illumination bulb, Driver side turn signal repeater  
bulb, Driver side mirror adjustment motor

- E107 Window regulator switch in front passenger door
- J393 Convenience system central control unit
- L53 Window regulator switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T2eg 2-pin connector
- T4u 4-pin connector
- T5r 5-pin connector
- T5s 5-pin connector, in front left door
- T21a 21-pin connector, in front left door
- T21b 21-pin connector, in front right door
- T23a 23-pin connector
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- R27 Connection (mirror adjustment), in driver door wiring harness
- \* Only models with no electrically adjustable exterior mirrors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

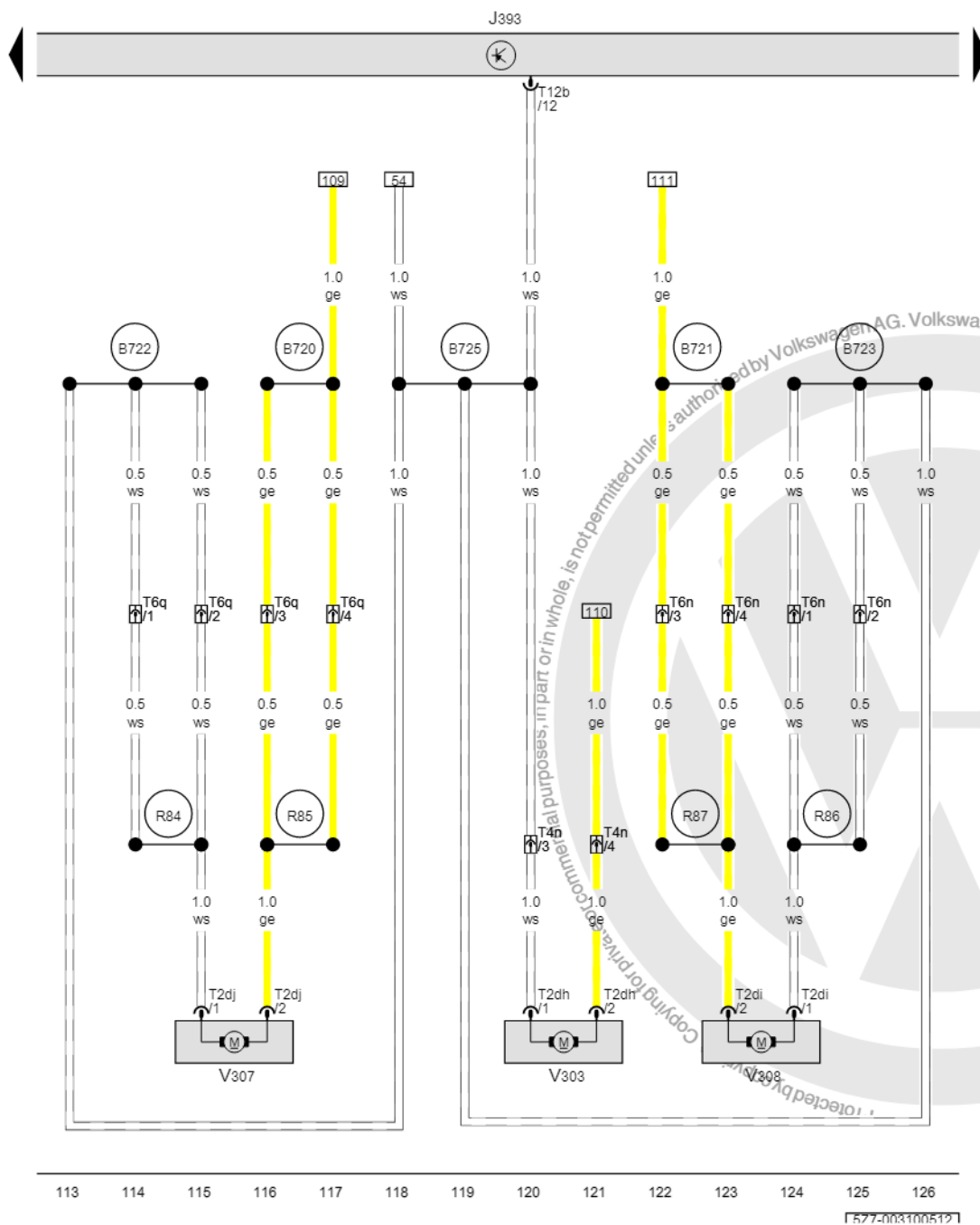


Convenience system central control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor

- J393 Convenience system central control unit
- L132 Front passenger side turn signal repeater bulb
- T2eh 2-pin connector
- T5t 5-pin connector, in front right door
- T5u 5-pin connector
- T21b 21-pin connector, in front right door
- T23a 23-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B724 Connection (central locking unlocked), in main wiring harness
- \* Only models with no electrically adjustable exterior mirrors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



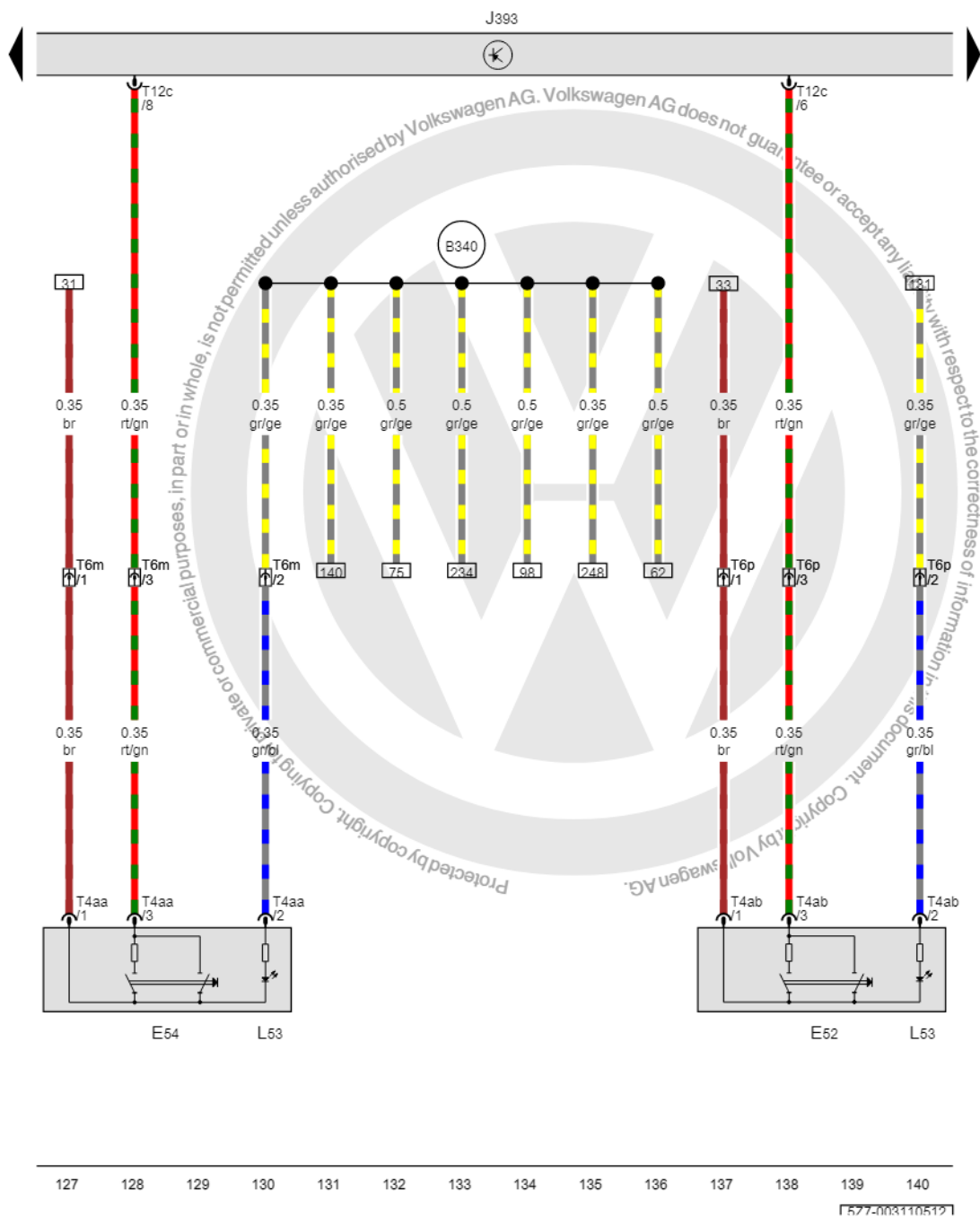
Convenience system central control unit, Front passenger door power latching motor, Rear left power latching motor, Rear right power latching motor

- J393 Convenience system central control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4n 4-pin connector, in front right door
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector, in rear left door
- T12b 12-pin connector
- V303 Front passenger door power latching motor
- V307 Rear left power latching motor
- V308 Rear right power latching motor

- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- ll = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





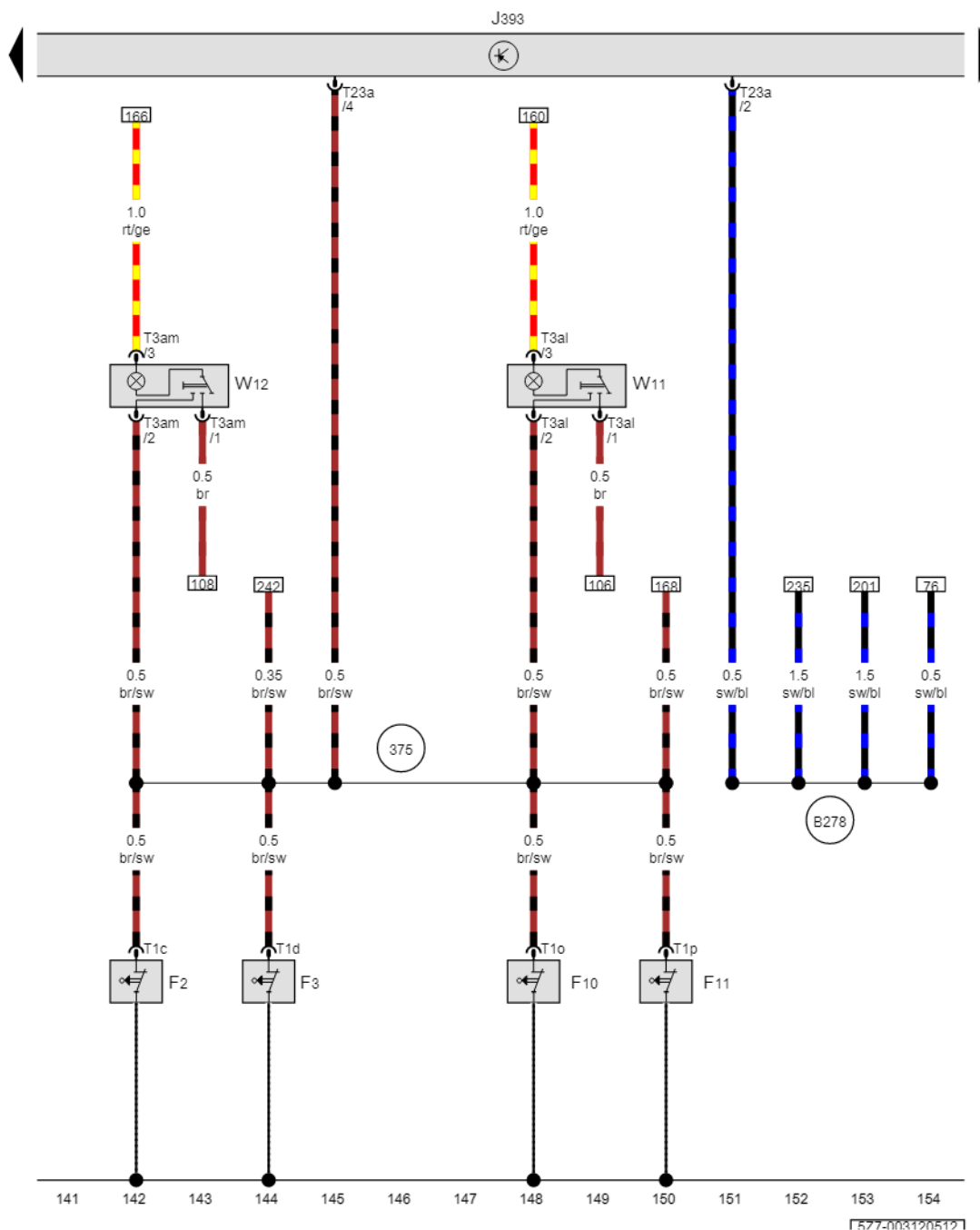
Rear left window regulator switch, in door, Rear right window regulator switch, in door, Convenience system central control unit, Window regulator switch illumination bulb

- |      |   |
|------|---|
| E52  | Rear left window regulator switch, in door  |
| E54  | Rear right window regulator switch, in door |
| J393 | Convenience system central control unit     |
| L53  | Window regulator switch illumination bulb   |
| T4aa | 4-pin connector                             |
| T4ab | 4-pin connector                             |
| T6m  | 6-pin connector, in rear right door         |
| T6p  | 6-pin connector, in rear left door          |
| T12c | 12-pin connector                            |

(B340) Connection 1 (58d), in main wiring harness

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





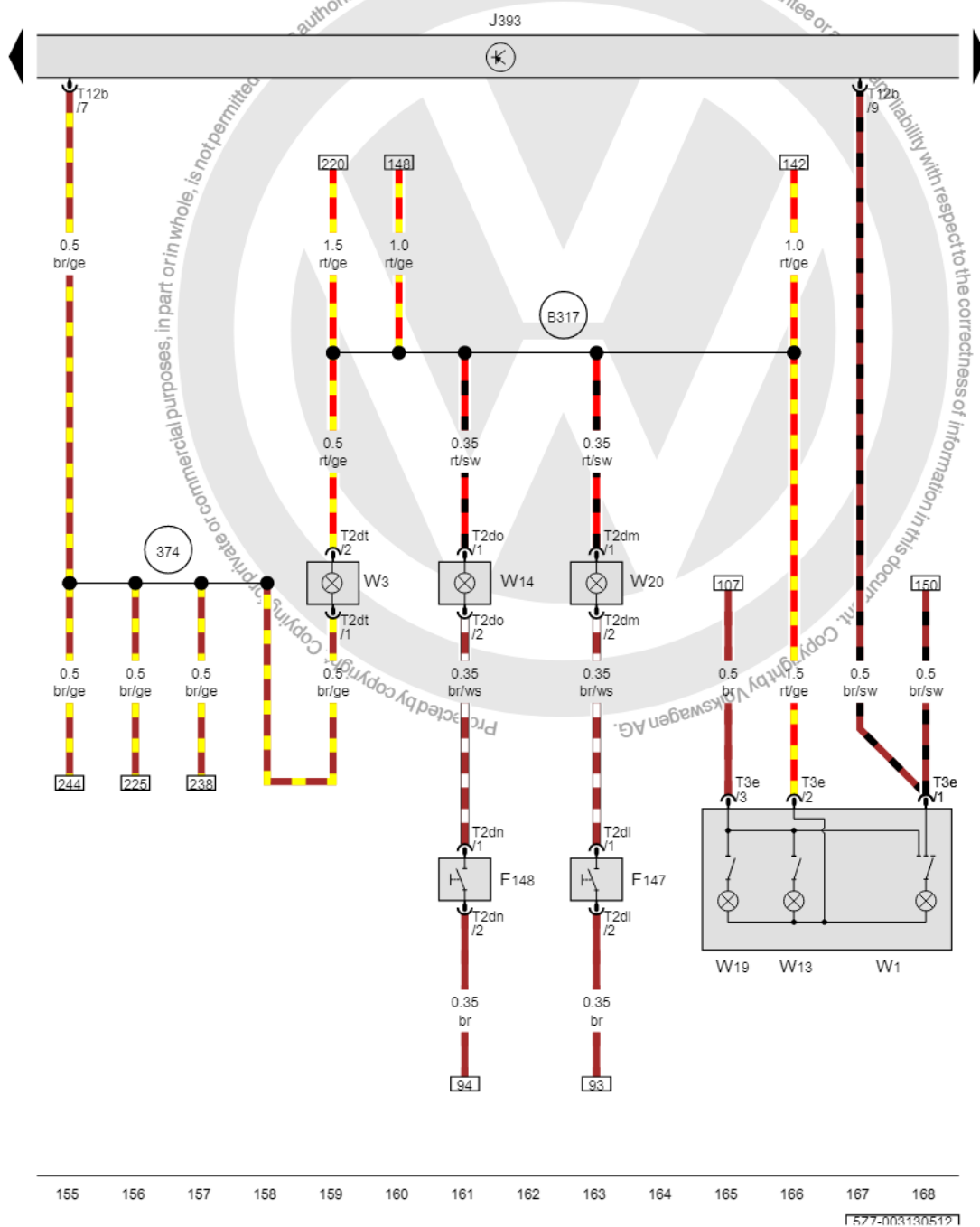
Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Convenience system central control unit, Rear left reading light, Rear right reading light

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J393 Convenience system central control unit
- T1c Single connector
- T1d Single connector
- T1o Single connector
- T1p Single connector
- T3al 3-pin connector
- T3am 3-pin connector
- T23a 23-pin connector
- W11 Rear left reading light
- W12 Rear right reading light

375 Earth connection 10, in main wiring harness

B278 Positive connection 2 (15a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



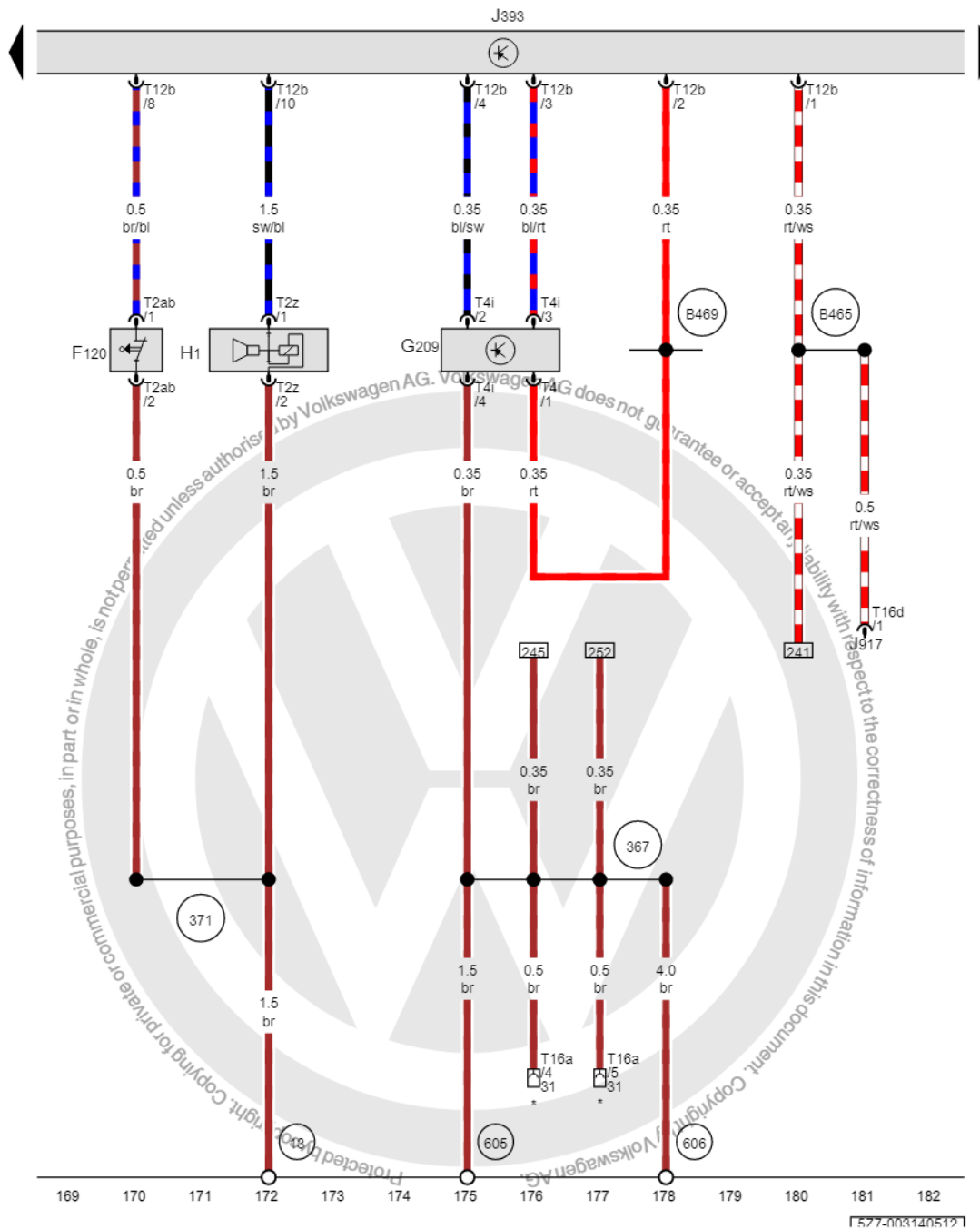
Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Convenience system central control unit, Front interior light, Luggage compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J393 Convenience system central control unit
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2dn 2-pin connector
- T2do 2-pin connector
- T2dt 2-pin connector
- T3e 3-pin connector
- T12b 12-pin connector
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W14 Front passenger side illuminated vanity mirror
- W19 Driver side reading light
- W20 Driver side illuminated vanity mirror

374 Earth connection 9, in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



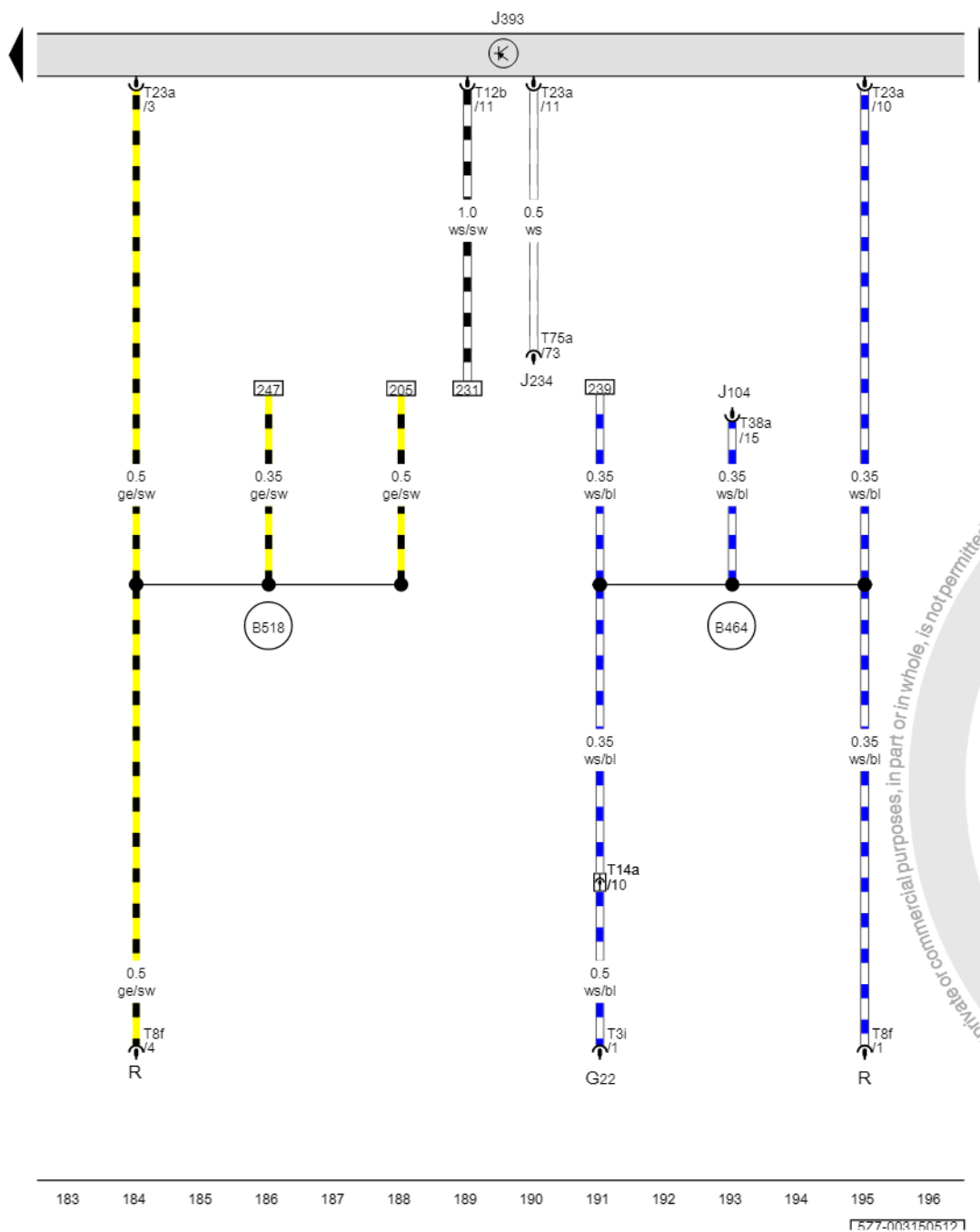
Anti-theft alarm and vermin repellent system contact switch,  
Anti-theft alarm ultrasonic sensor, Horn or dual tone horn,  
Convenience system central control unit

- F120 Anti-theft alarm and vermin repellent system contact switch
- G209 Anti-theft alarm ultrasonic sensor
- H1 Horn or dual tone horn
- J393 Convenience system central control unit
- J917 Control unit for lighting and wiper functions
- T2ab 2-pin connector
- T2z 2-pin connector
- T4i 4-pin connector
- T12b 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector

- 13 Earth point, on right in engine compartment
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B465 Connection 1, in main wiring harness
- B469 Connection 5, in main wiring harness

- \* Diagnostic connection
- \*2 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

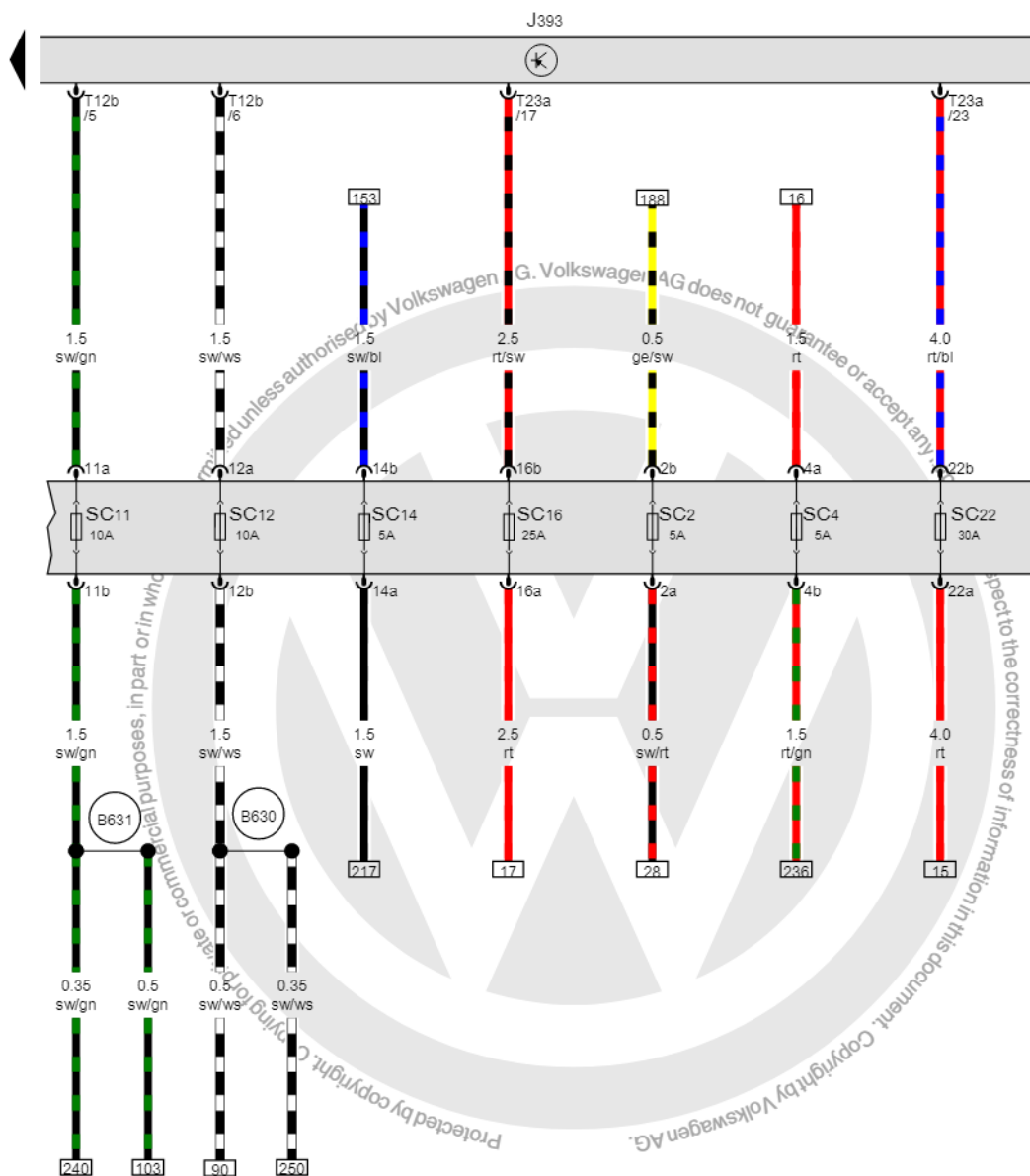


# Convenience system central control unit

- G22 Speedometer sender
- J104 ABS control unit
- J234 Airbag control unit
- J393 Convenience system central control unit
- R Radio
- T3i 3-pin connector
- T8f 8-pin connector
- T12b 12-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector

- B464 Connection (speed signal), in main wiring harness
- B518 Connection (86s), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



### Convenience system central control unit

- J393 Convenience system central control unit
- SC2 Fuse 2 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- T12b 12-pin connector
- T23a 23-pin connector

- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

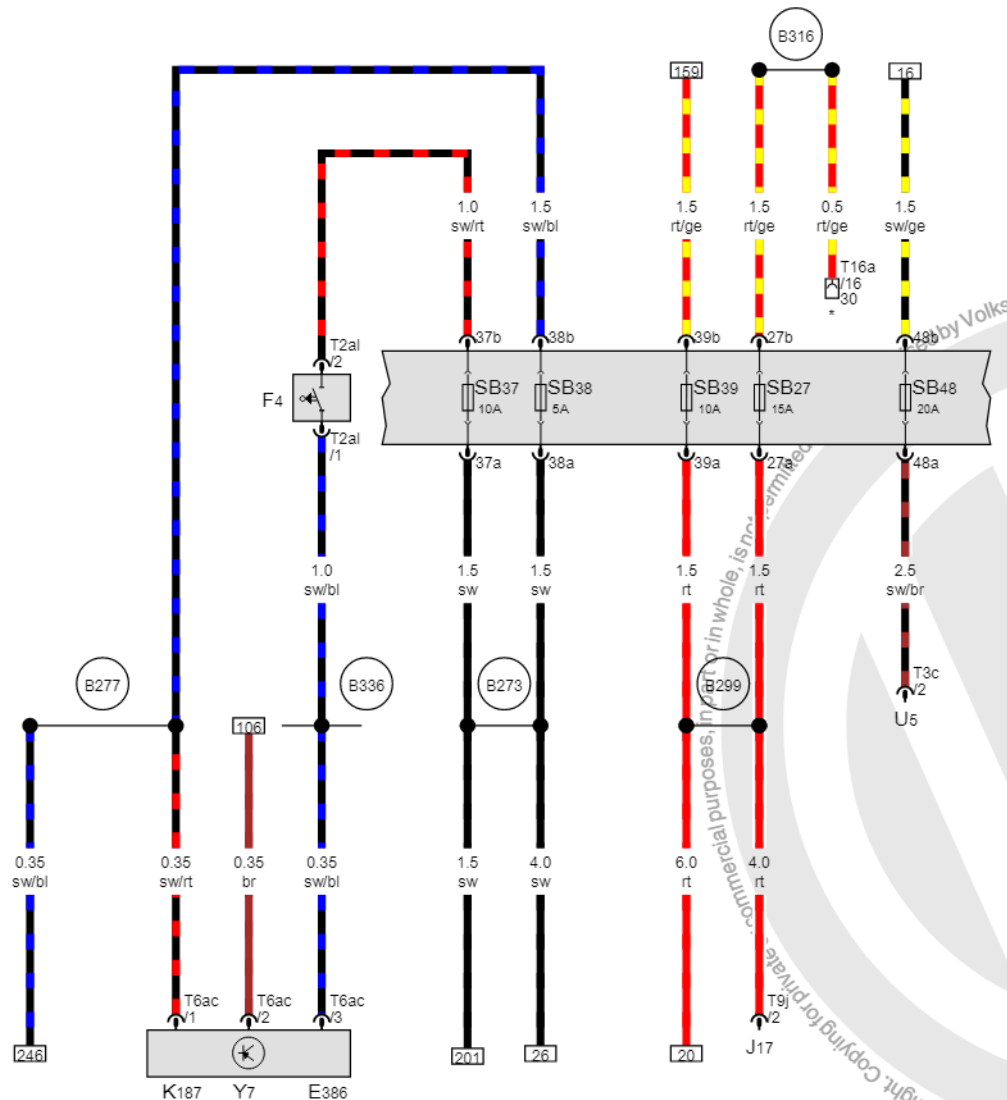
Anti-dazzle interior mirror button, Reversing light switch, Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F4 Reversing light switch
- J17 Fuel pump relay
- K187 Anti-dazzle interior mirror warming lamp
- SB27 Fuse 27 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- SB48 Fuse 48 on fuse holder B

- T2a 2-pin connector
- T3c 3-pin connector
- T6ac 6-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- U5 12 V socket
- Y7 Automatic anti-dazzle interior mirror

- (B273) Positive connection (15), in main wiring harness
- (B277) Positive connection 1 (15a) in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B316) Positive connection 2 (30a) in main wiring harness
- (B336) Connection 2 (54), in main wiring harness
- \* Diagnostic connection

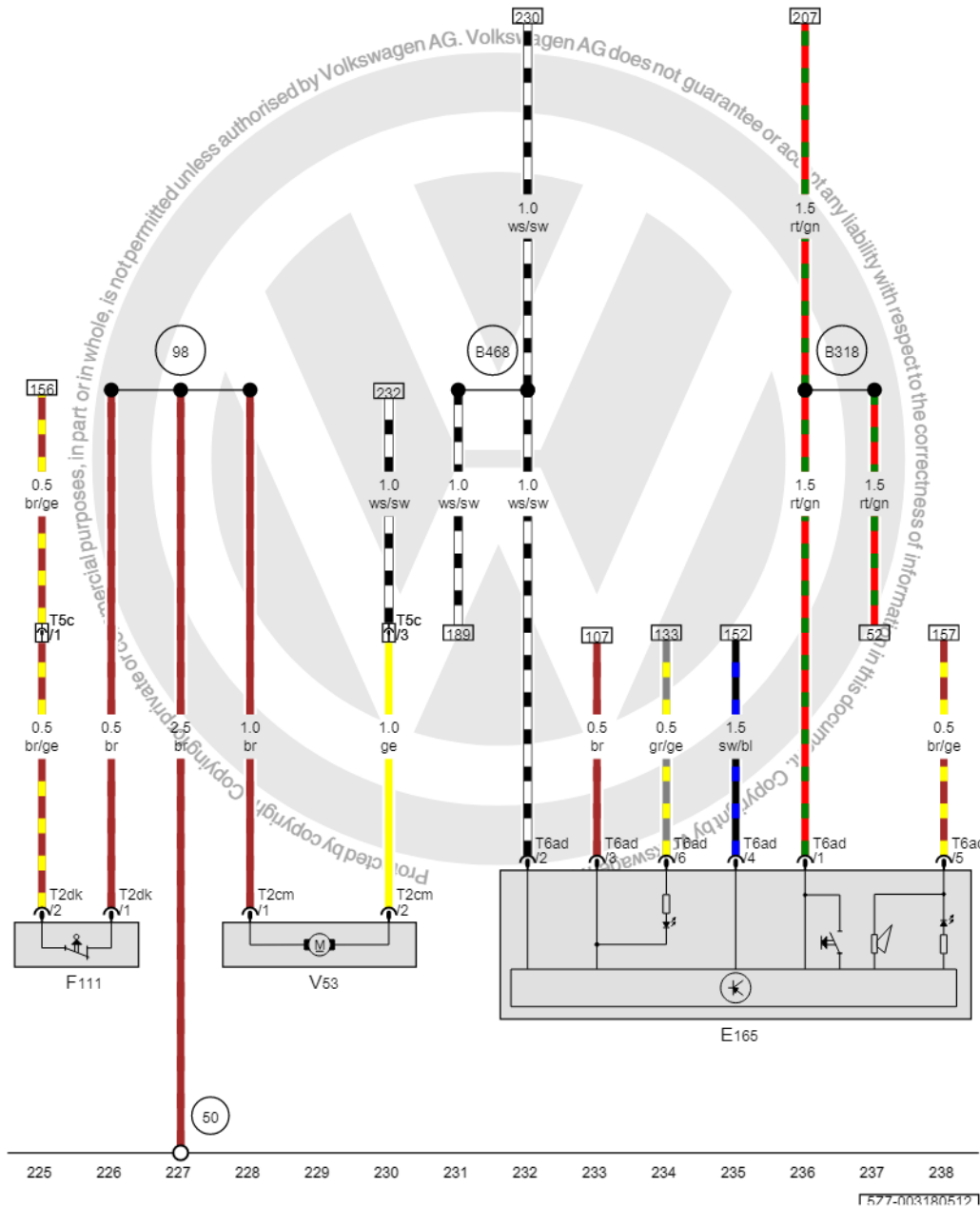
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rear lid release switch, Rear lid contact switch, Rear lid central locking motor

- E165 Rear lid release switch
- F111 Rear lid contact switch
- T2cm 2-pin connector
- T2dk 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T6ad 6-pin connector
- V53 Rear lid central locking motor

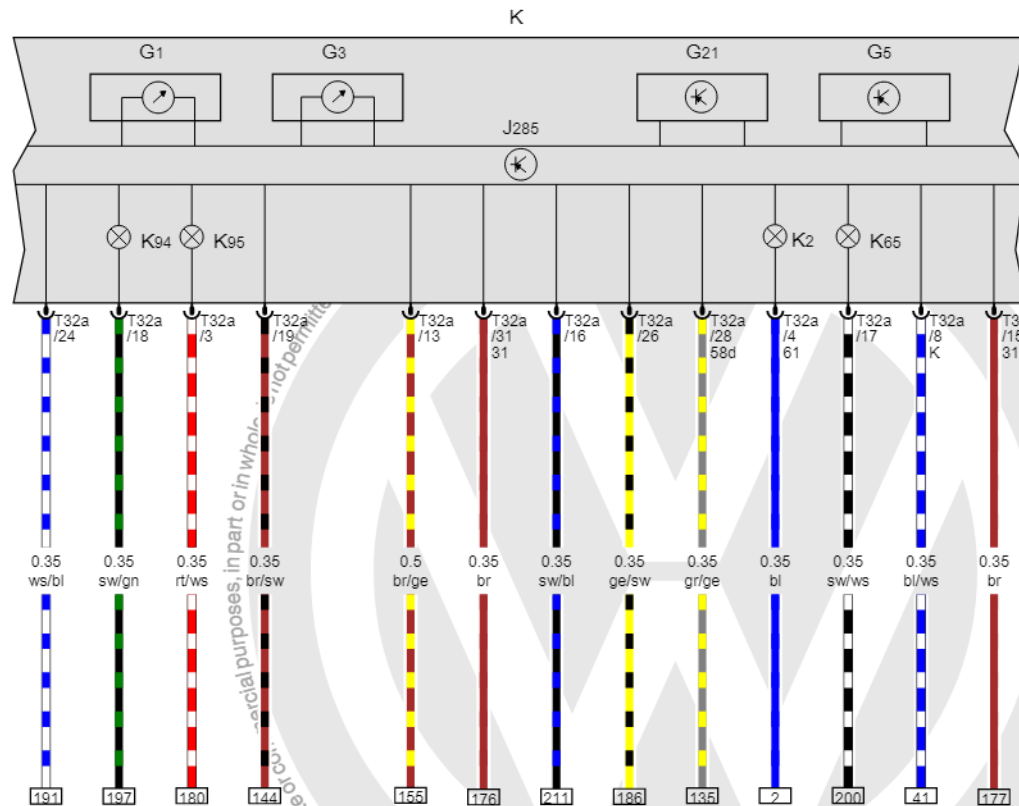
- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B468 Connection 4, in main wiring harness





Fuel gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Alarm system warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



## Coming home/leaving home function with rain sensor

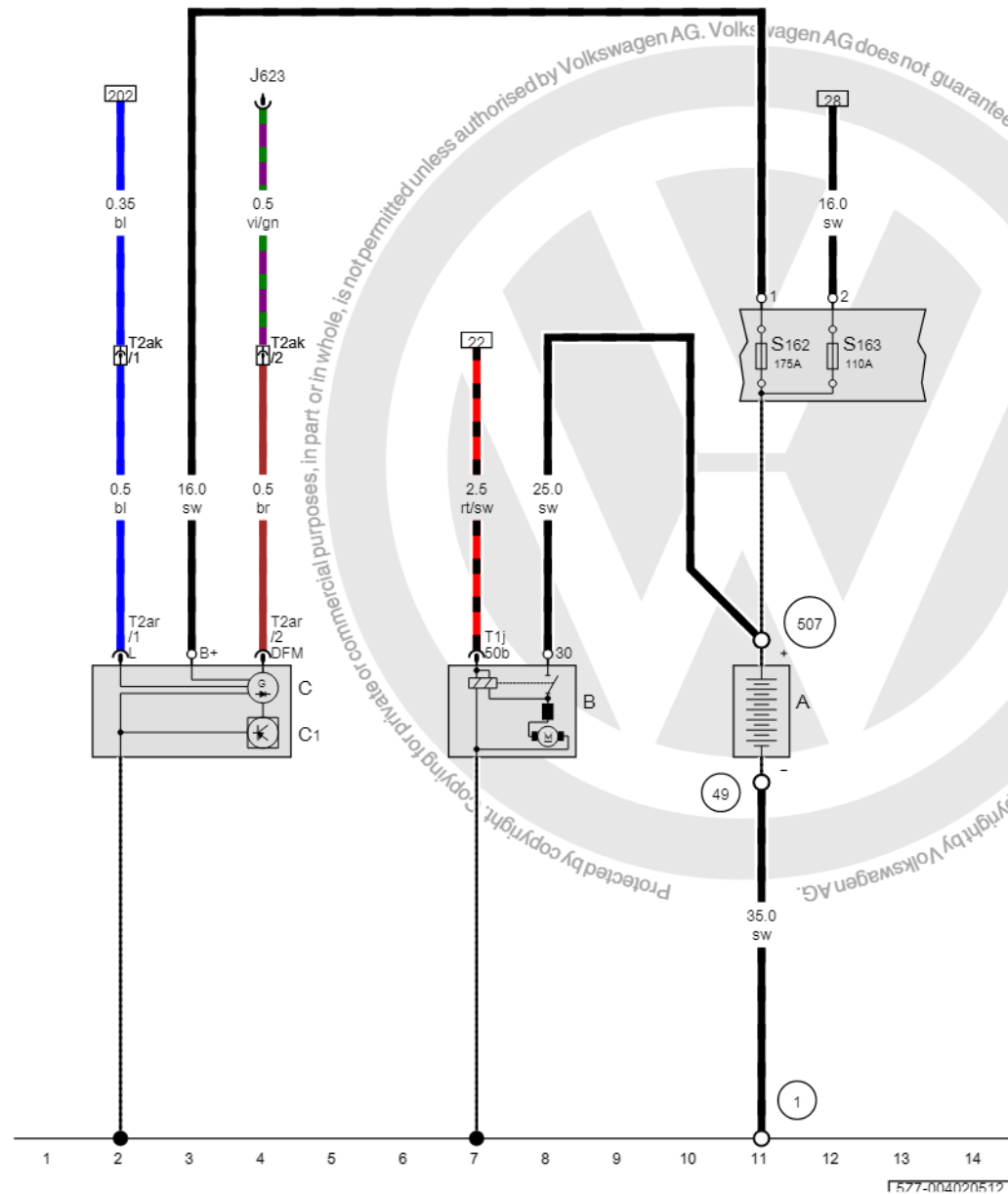
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



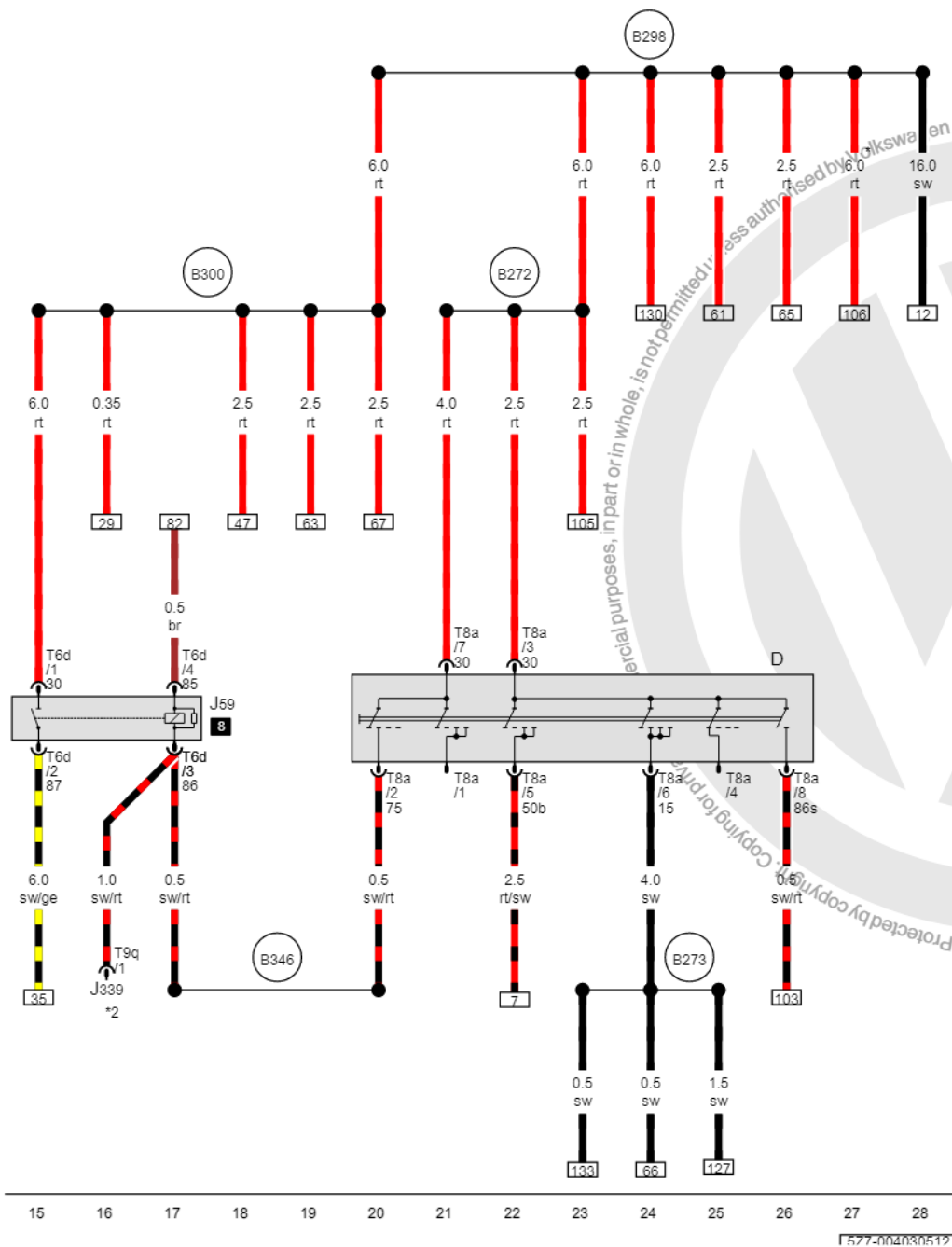
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T6d 6-pin connector
- T8a 8-pin connector
- T9q 9-pin connector

- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

- \* Only models with central locking
- \*2 Only models with automated manual gearbox

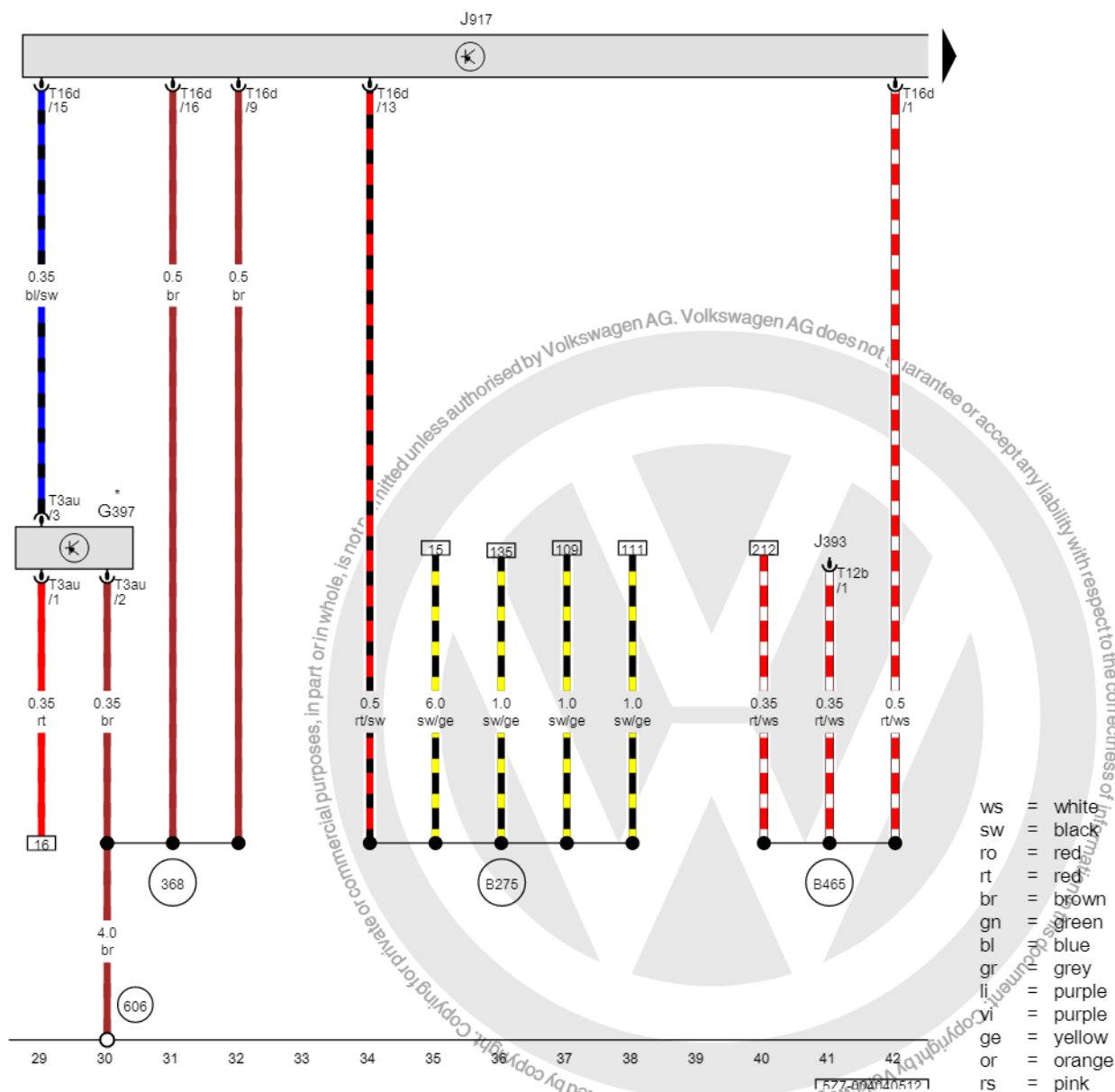


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rain and light sensor, Control unit for lighting and wiper functions

- |      |   |
|------|---|
| G397 | Rain and light sensor                         |
| J393 | Convenience system central control unit       |
| J917 | Control unit for lighting and wiper functions |
| T3au | 3-pin connector                               |
| T12b | 12-pin connector                              |
| T16d | 16-pin connector                              |

- 368 Earth connection 3, in main wiring harness
  - 606 Earth point, under the centre console near gear stick
  - B275 Positive connection (87), in main wiring harness
  - B465 Connection 1, in main wiring harness
- \* Only models with automatic anti-dazzle interior mirror



Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T9l 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector

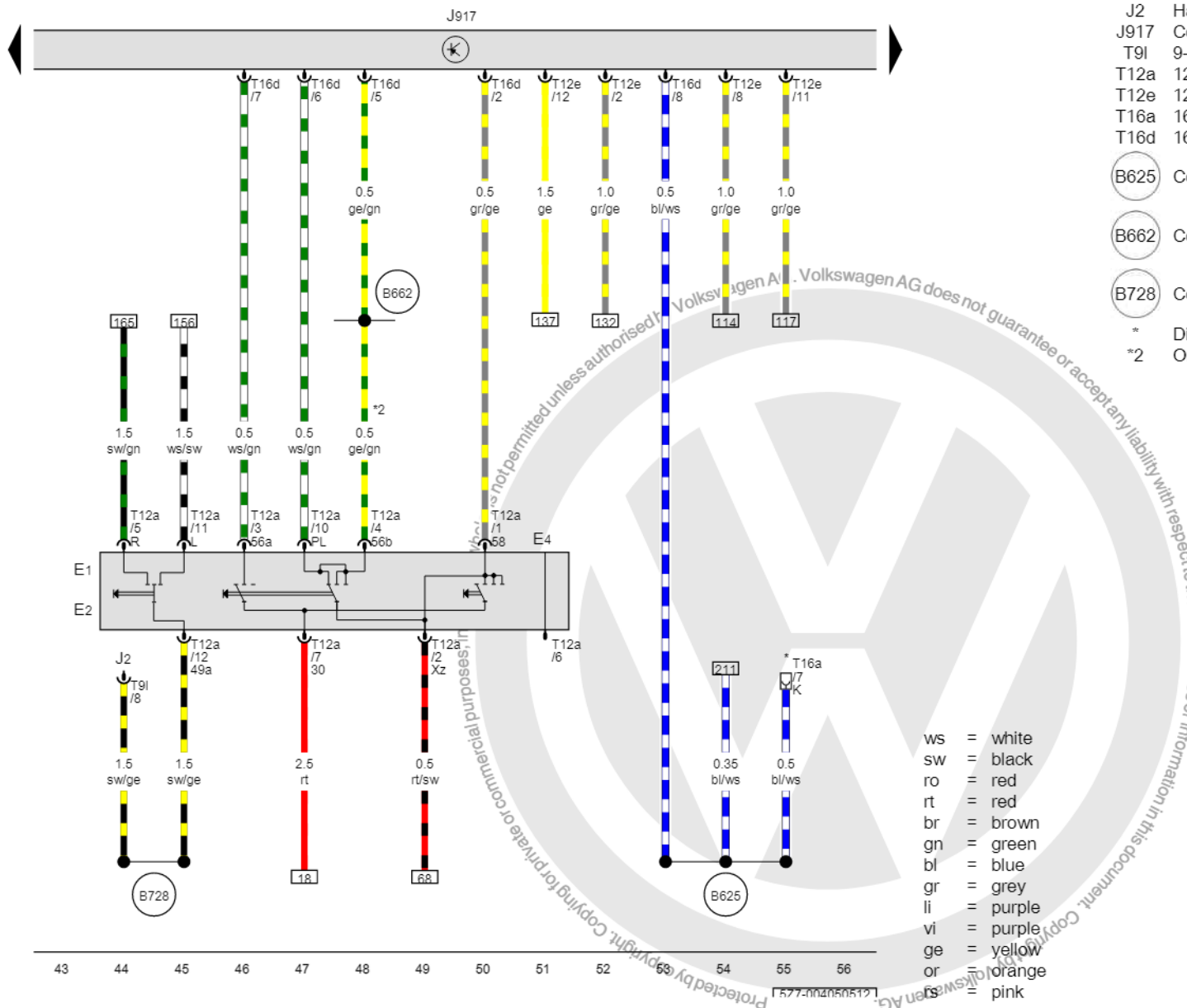
B625 Connection (K-diagnosis wire), in main wiring harness

B662 Connection 2 (56b), in main wiring harness

B728 Connection (49a), in main wiring harness

\* Diagnostic connection

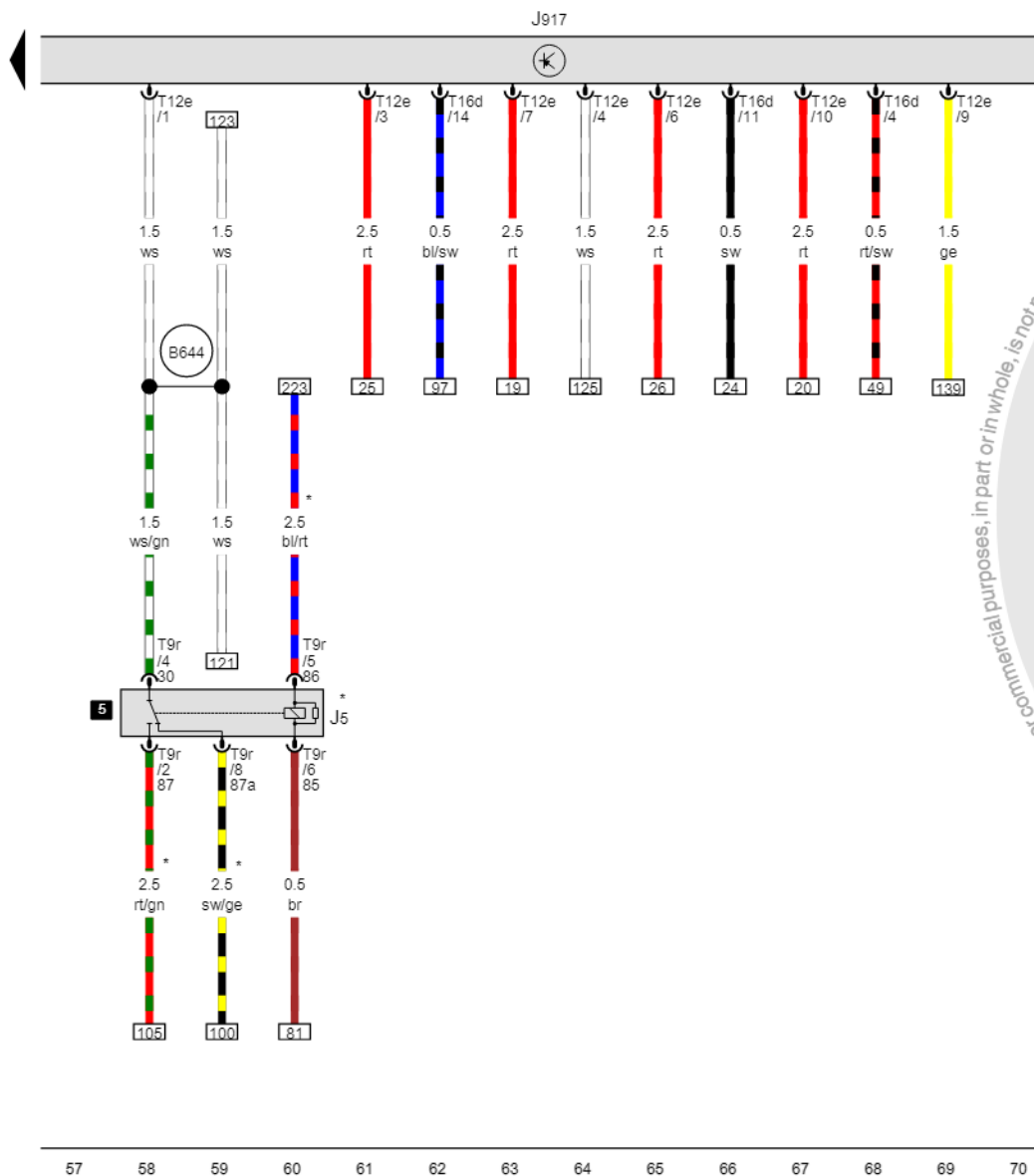
\*2 Only CROSS models



Fog light relay, Control unit for lighting and wiper functions

- J5 Fog light relay
- J917 Control unit for lighting and wiper functions
- T9r 9-pin connector
- T12e 12-pin connector
- T16d 16-pin connector

- B644 Connection 3 (56a), in main wiring harness
- \* Only CROSS models



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe control unit

E22 Intermittent wiper switch  
E34 Rear wiper switch  
J932 Automatic intermittent wash and wipe control unit

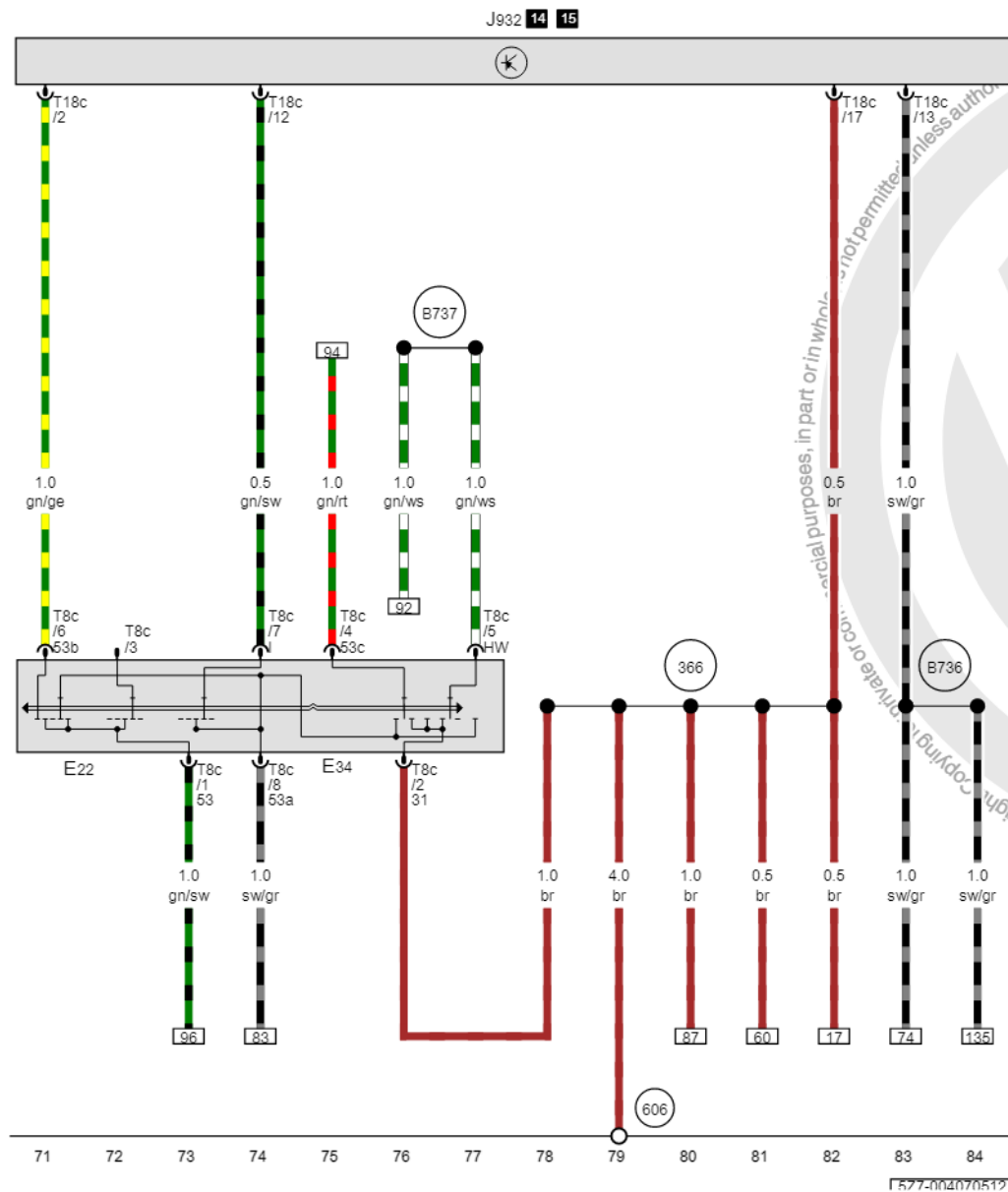
T8c 8-pin connector  
T18c 18-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B736 Positive connection (53a), in main wiring harness

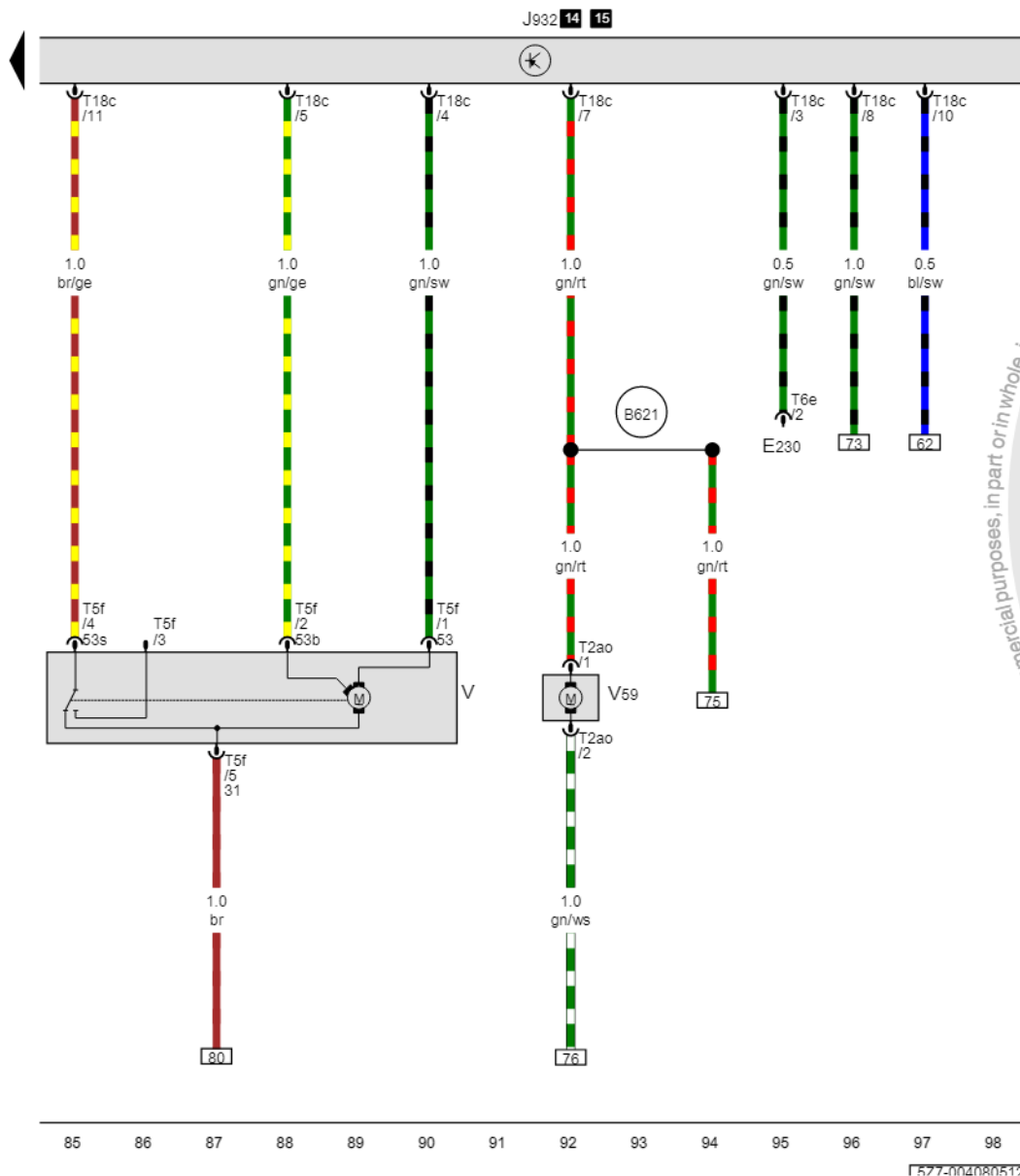
B737 Connection 2 (53c), in main wiring harness



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

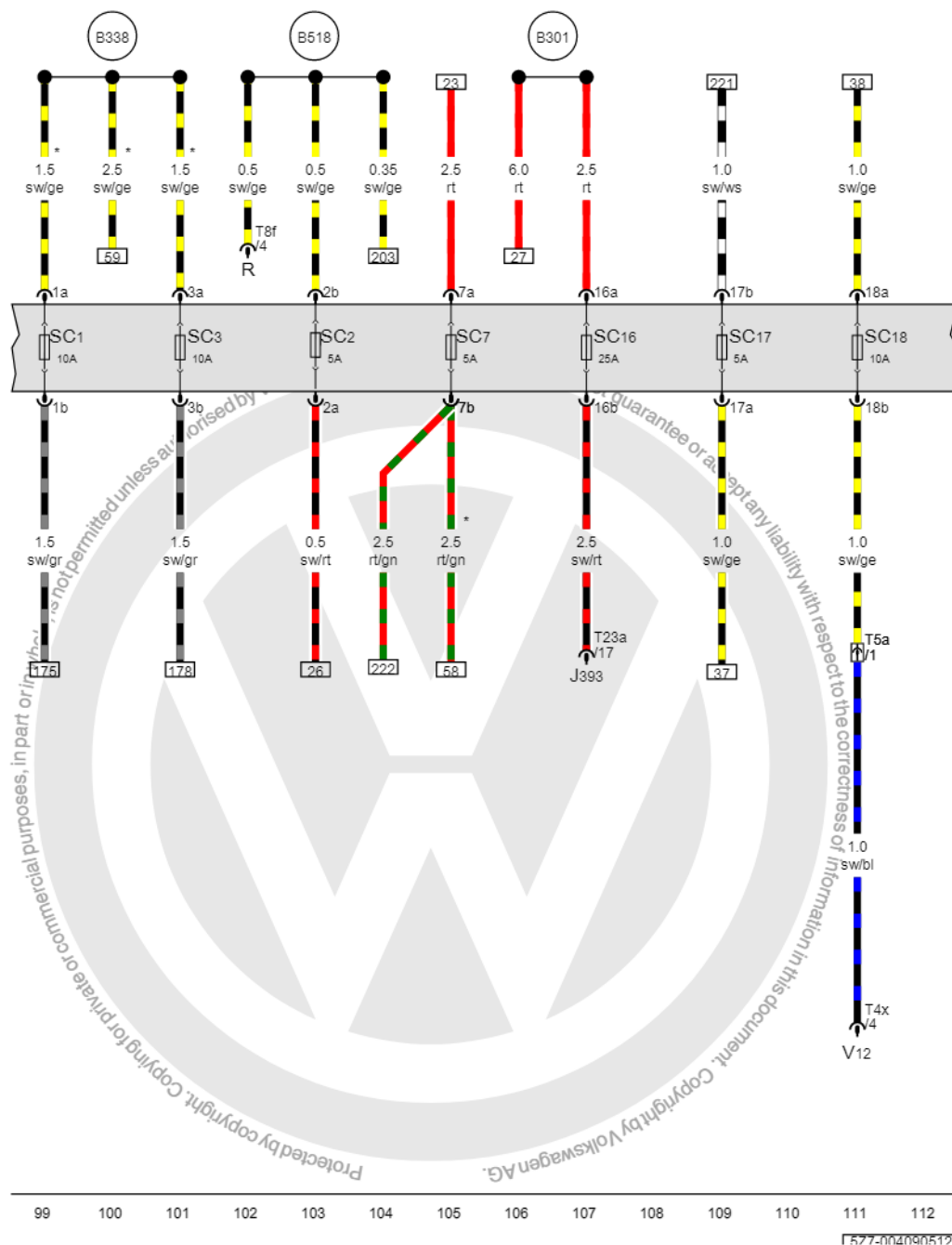
Automatic intermittent wash and wipe control unit,  
Windscreen wiper motor, Windscreen and rear window  
washer pump

- E230 Heated rear window button
- J932 Automatic intermittent wash and wipe control unit
- T2ao 2-pin connector
- T5f 5-pin connector
- T6e 6-pin connector
- T18c 18-pin connector
- V Windscreen wiper motor
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor
- B301 Positive connection 5 (30), in main wiring harness
- B338 Connection 1 (56), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Only CROSS models

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B, Fuse 46 on fuse holder B

SB31 Fuse 31 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
SB46 Fuse 46 on fuse holder B

B274 Positive connection (58L), in main wiring harness

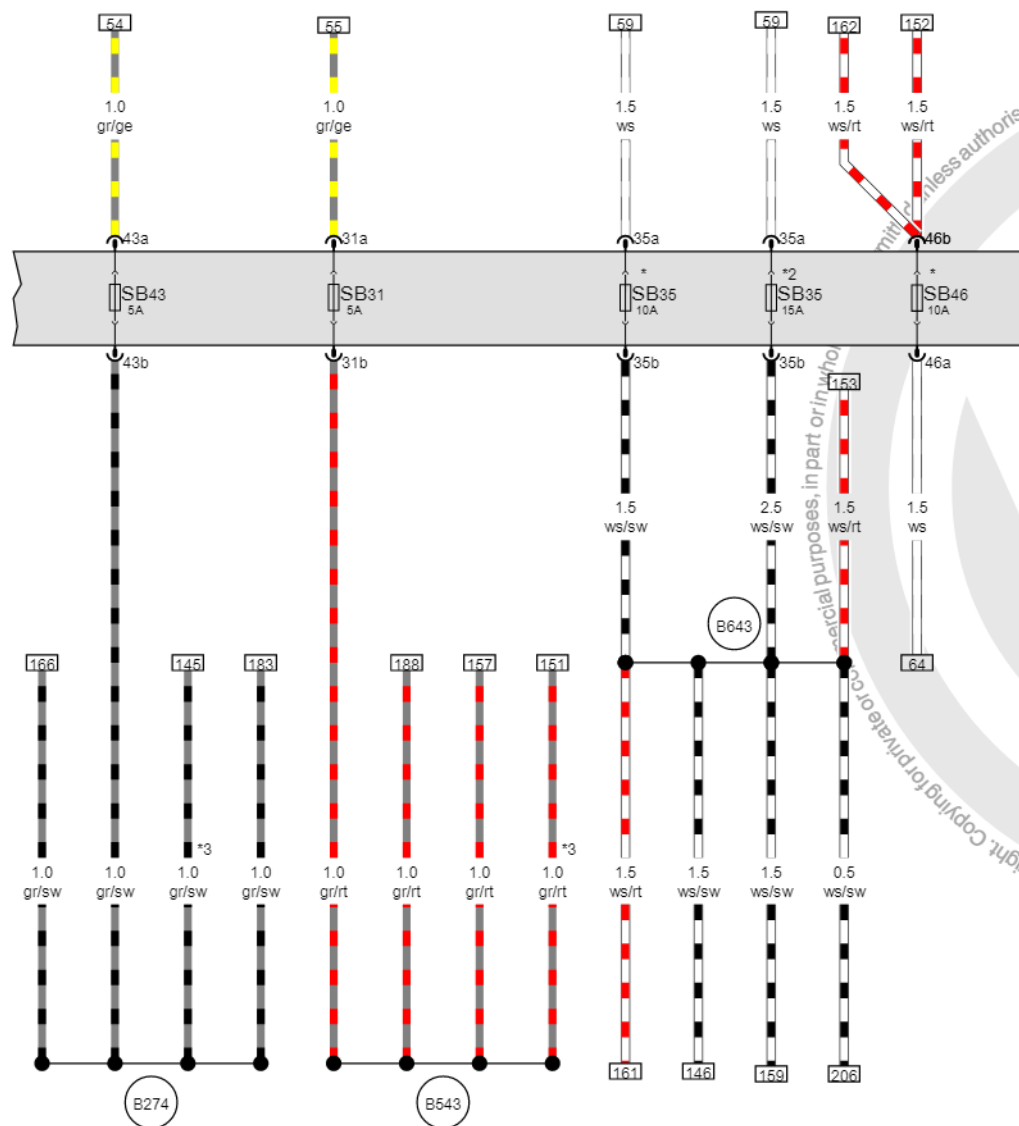
B543 Positive connection (58R), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

\* Up to May 2011

\*2 From May 2011

\*3 Only models with dual headlights



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

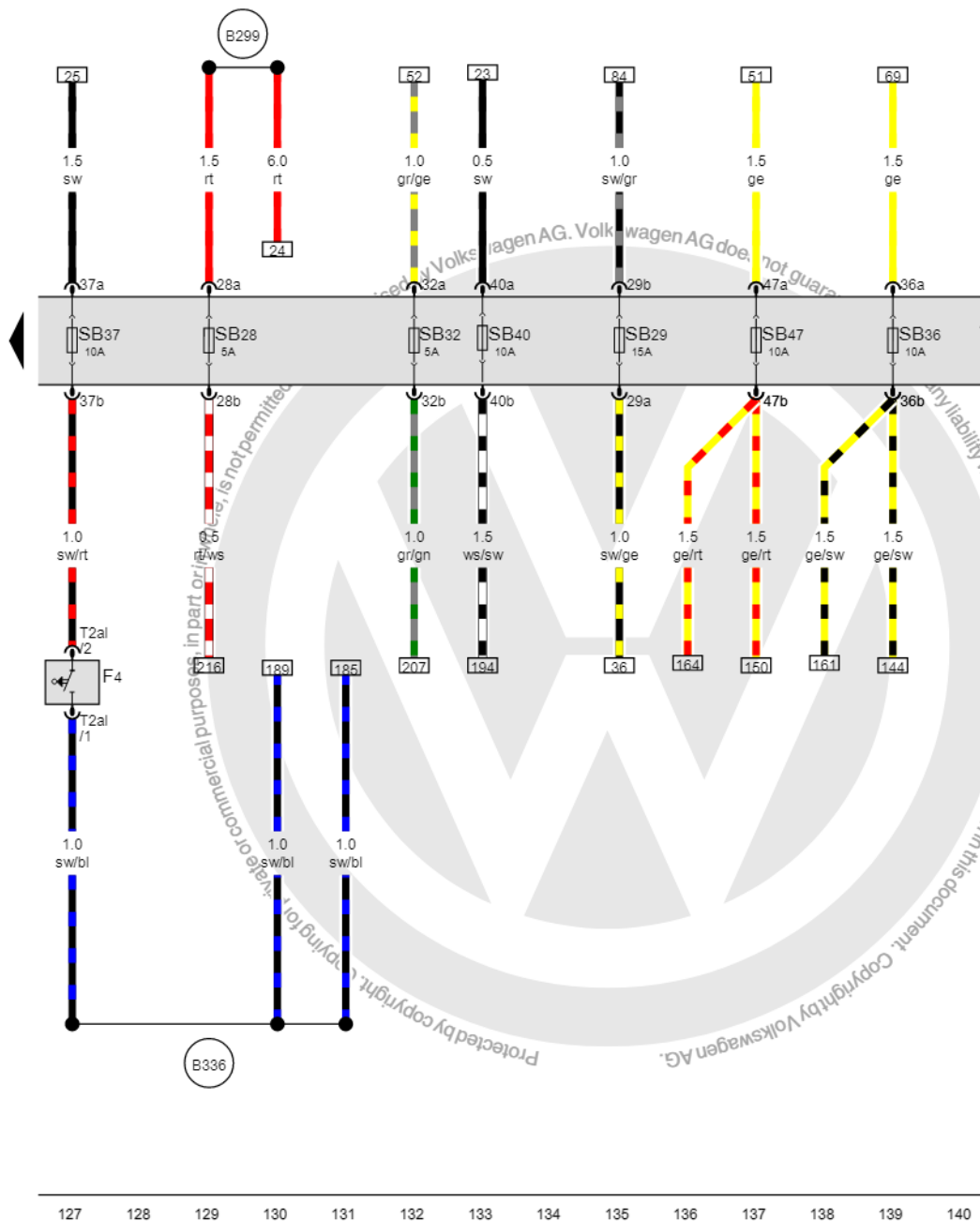
# Reversing light switch

- F4 Reversing light switch
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector

B299 Positive connection 3 (30), in main wiring harness

B336 Connection 2 (54), in main wiring harness

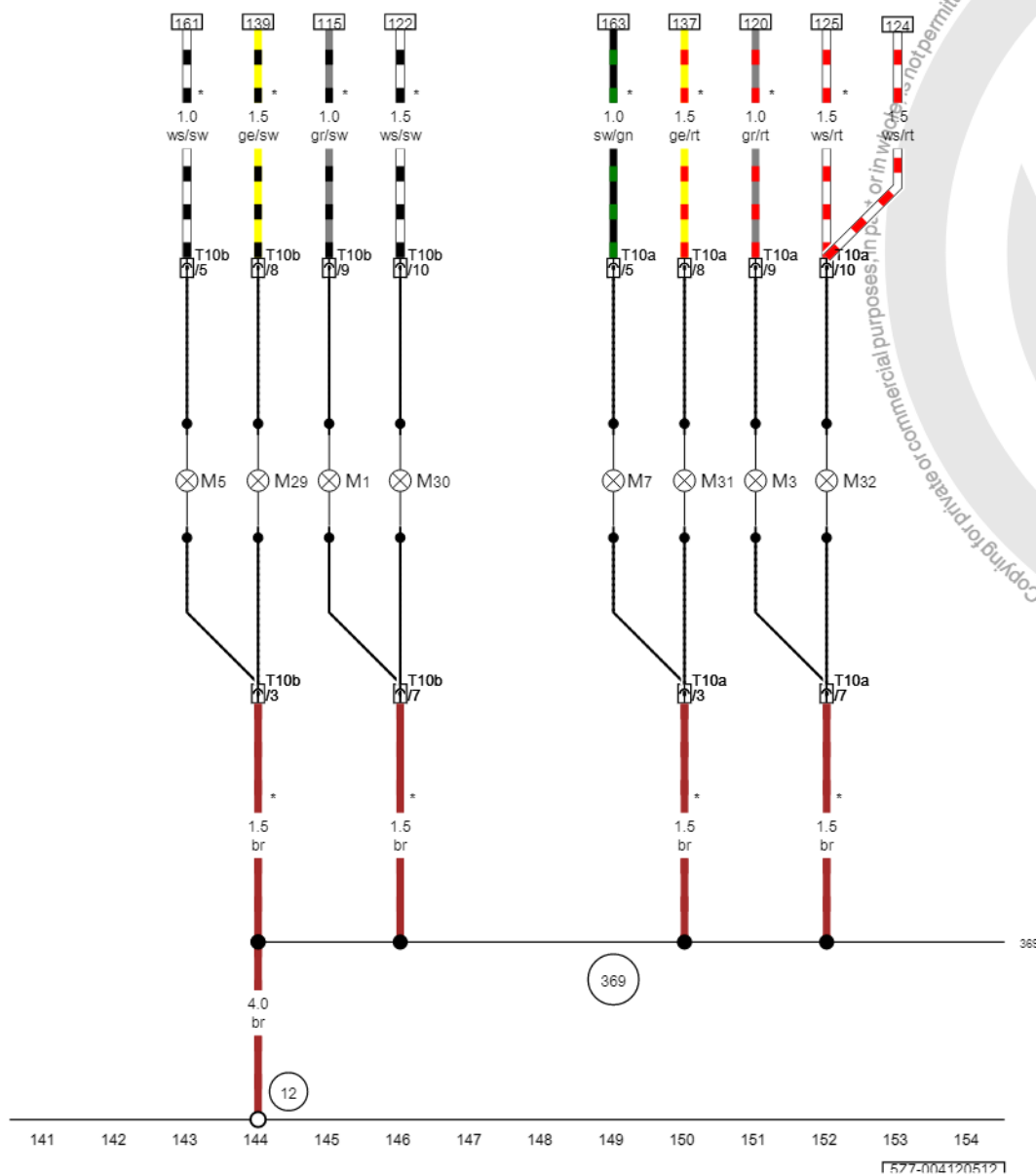
\* Only models with dual headlights

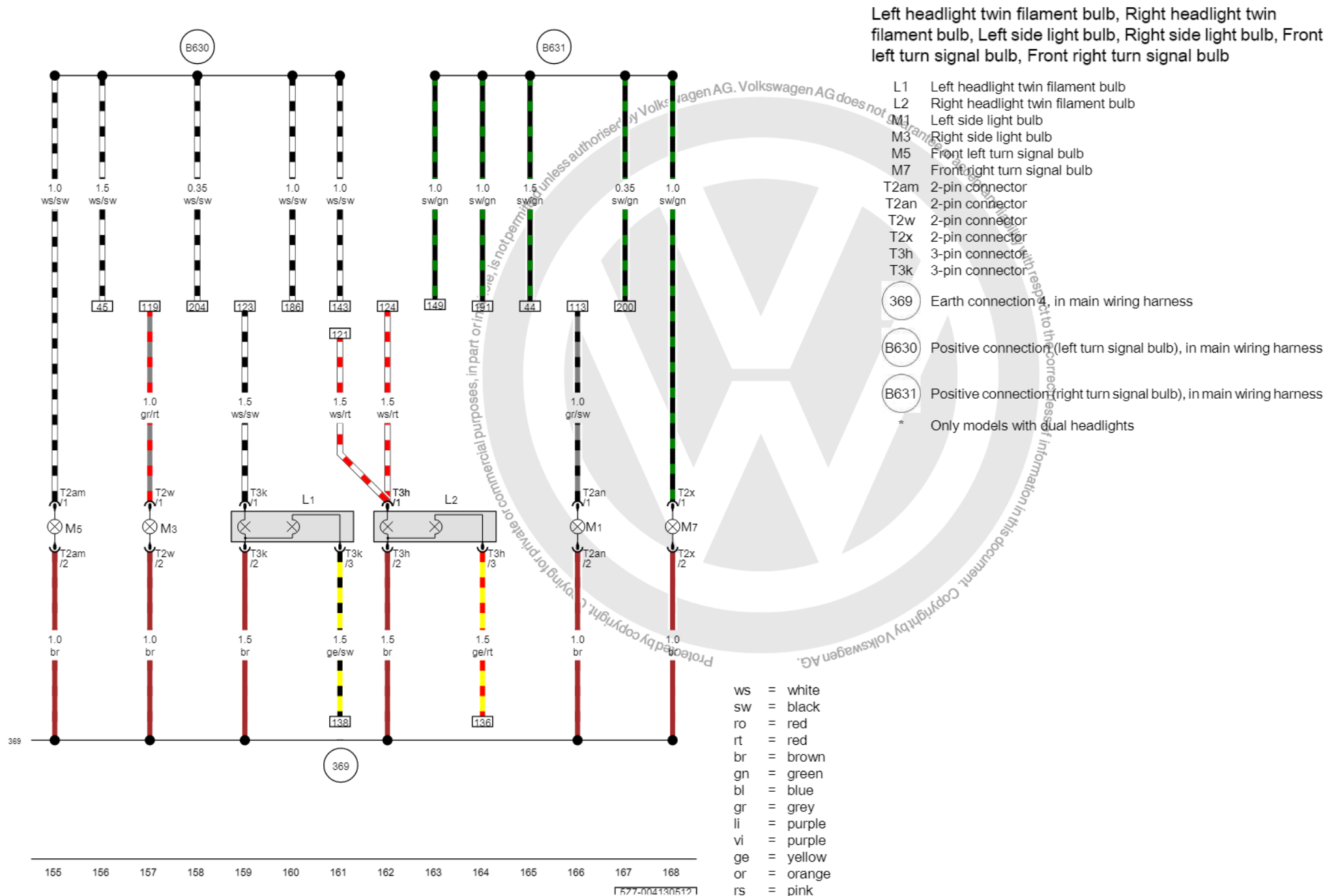


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- \* Only models with dual headlights





Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

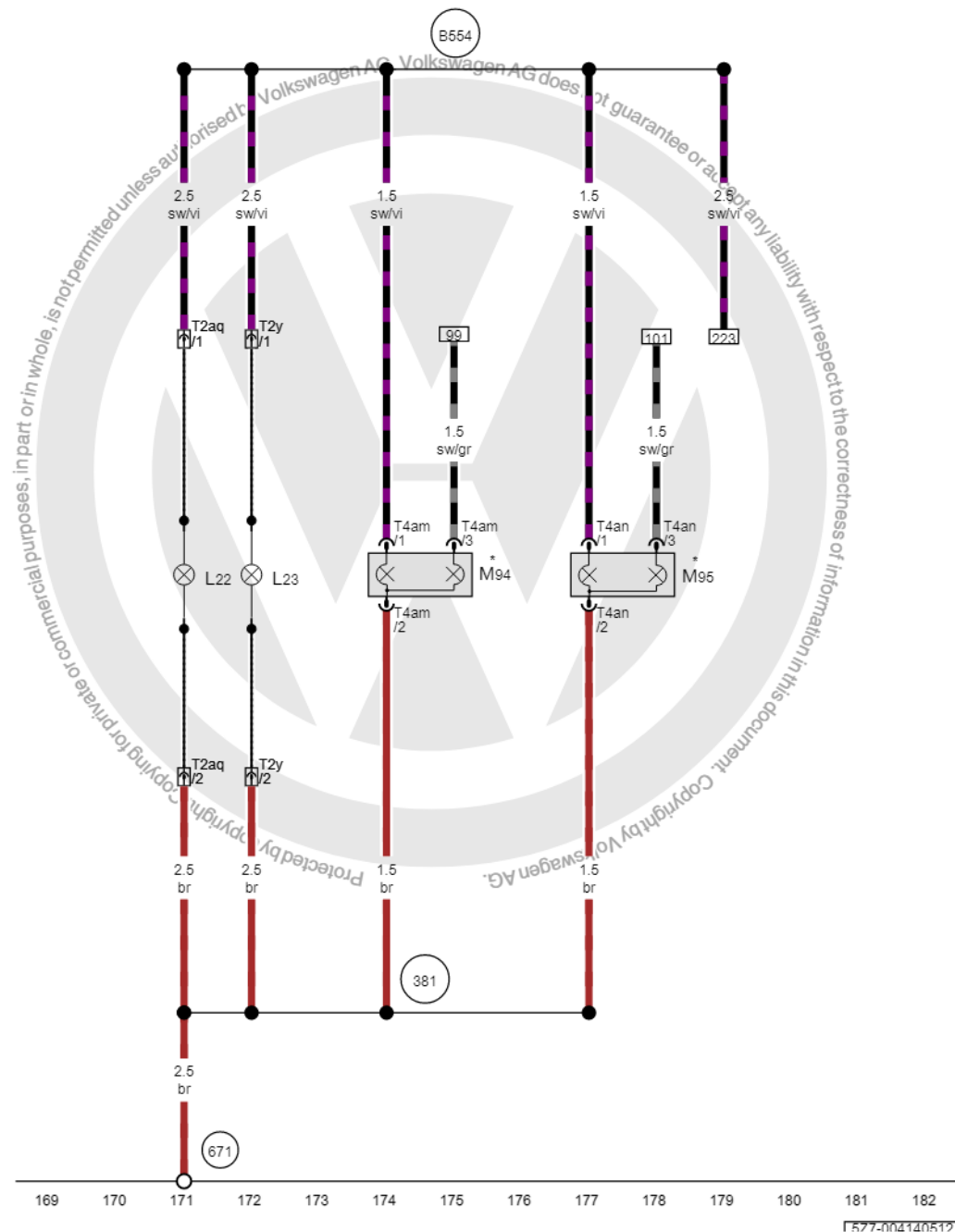
381 Earth connection 16, in main wiring harness

671 Earth point 1, on front of left longitudinal member

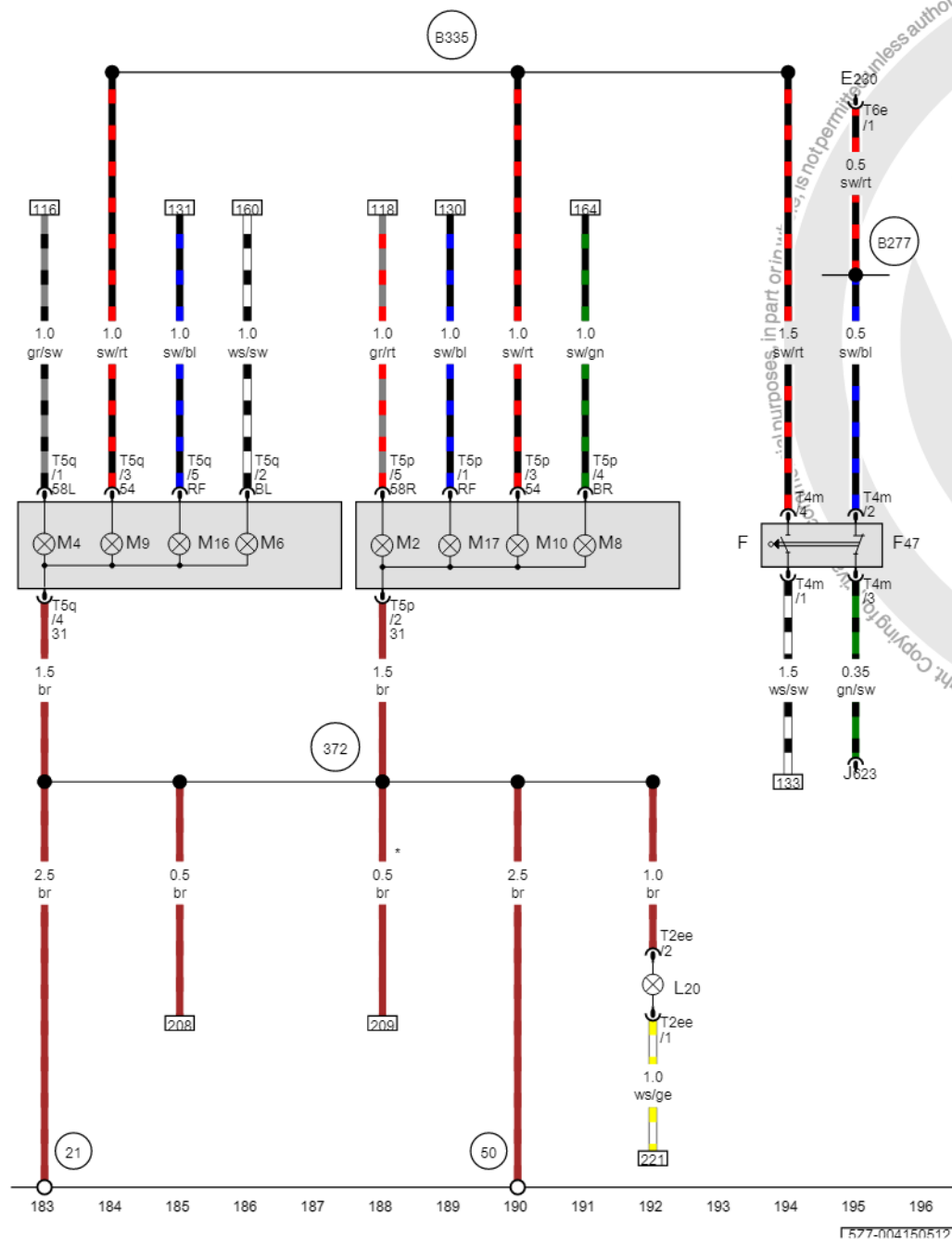
B554 Connection (fog light), in main wiring harness

\* Only CROSS models

\*2 Only models with dual headlights



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L20 Rear fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2ee 2-pin connector
- T4m 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T6e 6-pin connector

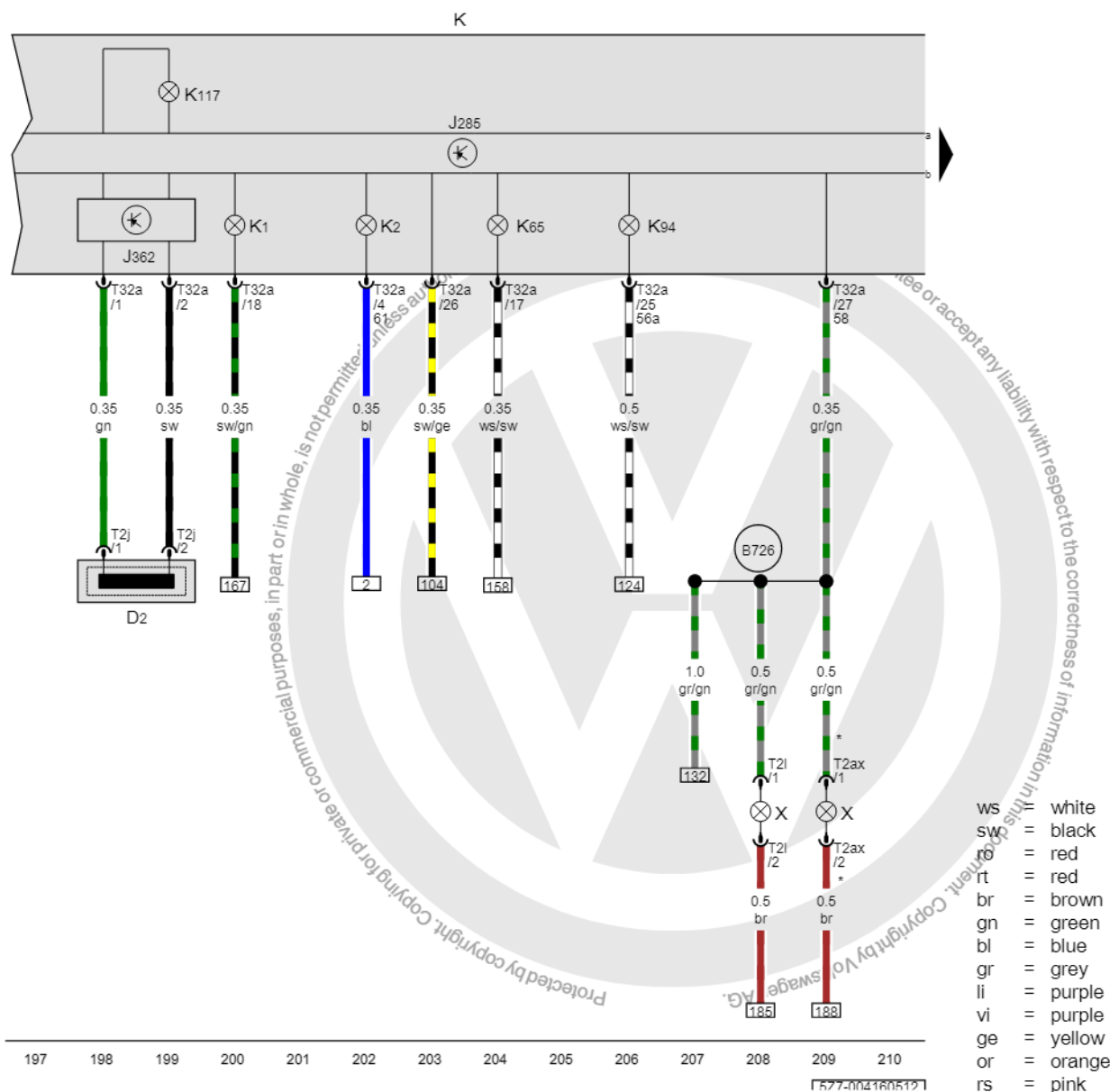
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- \* Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



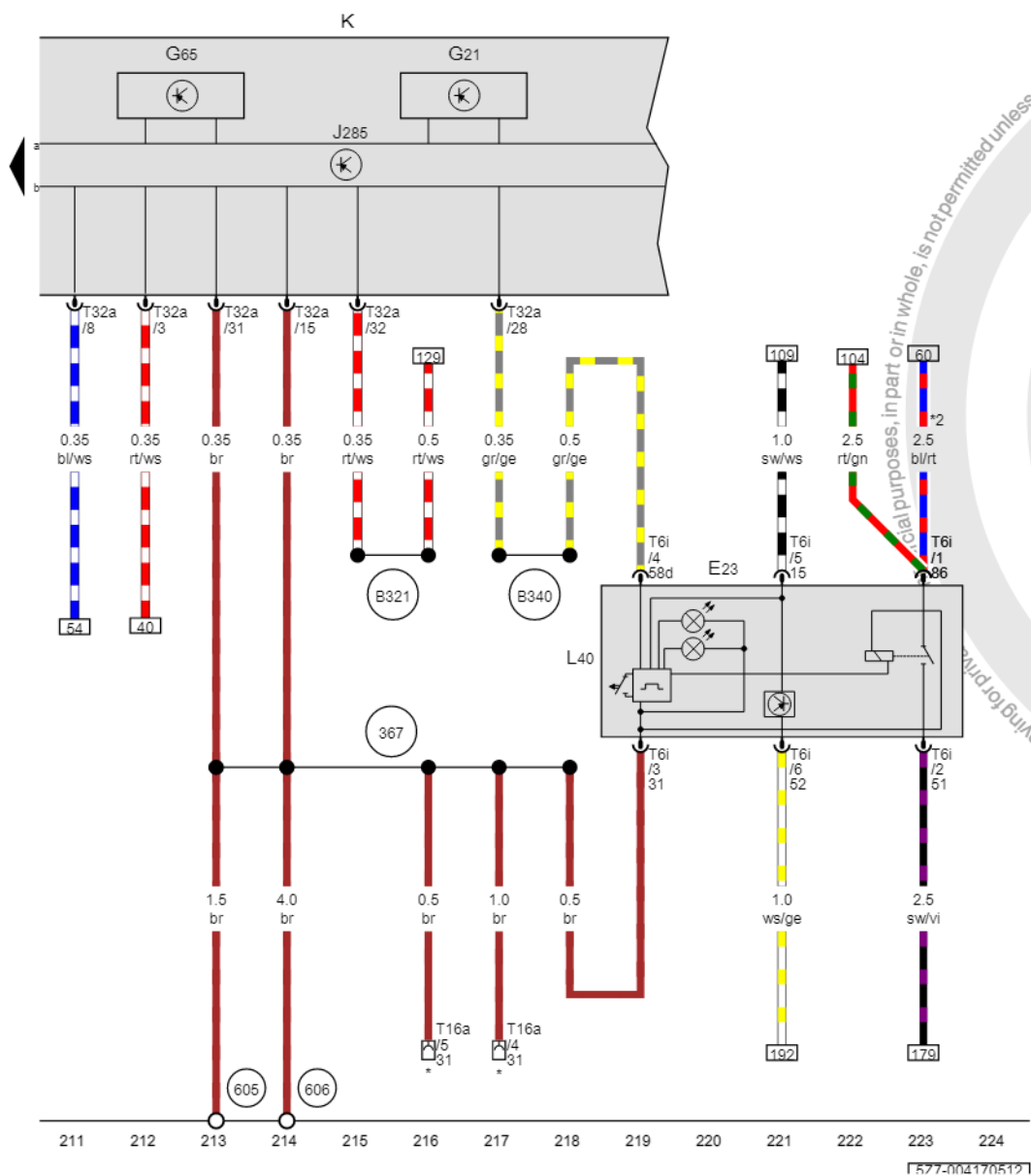
Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Number plate light

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K117 Immobiliser warning lamp
- T2ax 2-pin connector
- T2j 2-pin connector
- T2l 2-pin connector
- T32a 32-pin connector
- X Number plate light
- B726 Positive connection 2 (58), in main wiring harness
- \* Only CROSS models





Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb



- E23 Front and rear fog light switch
- G21 Speedometer
- G65 High-pressure sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B321 Positive connection 7 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- \* Diagnostic connection
- \*2 Only CROSS models

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

## Coming home/leaving home function without rain sensor

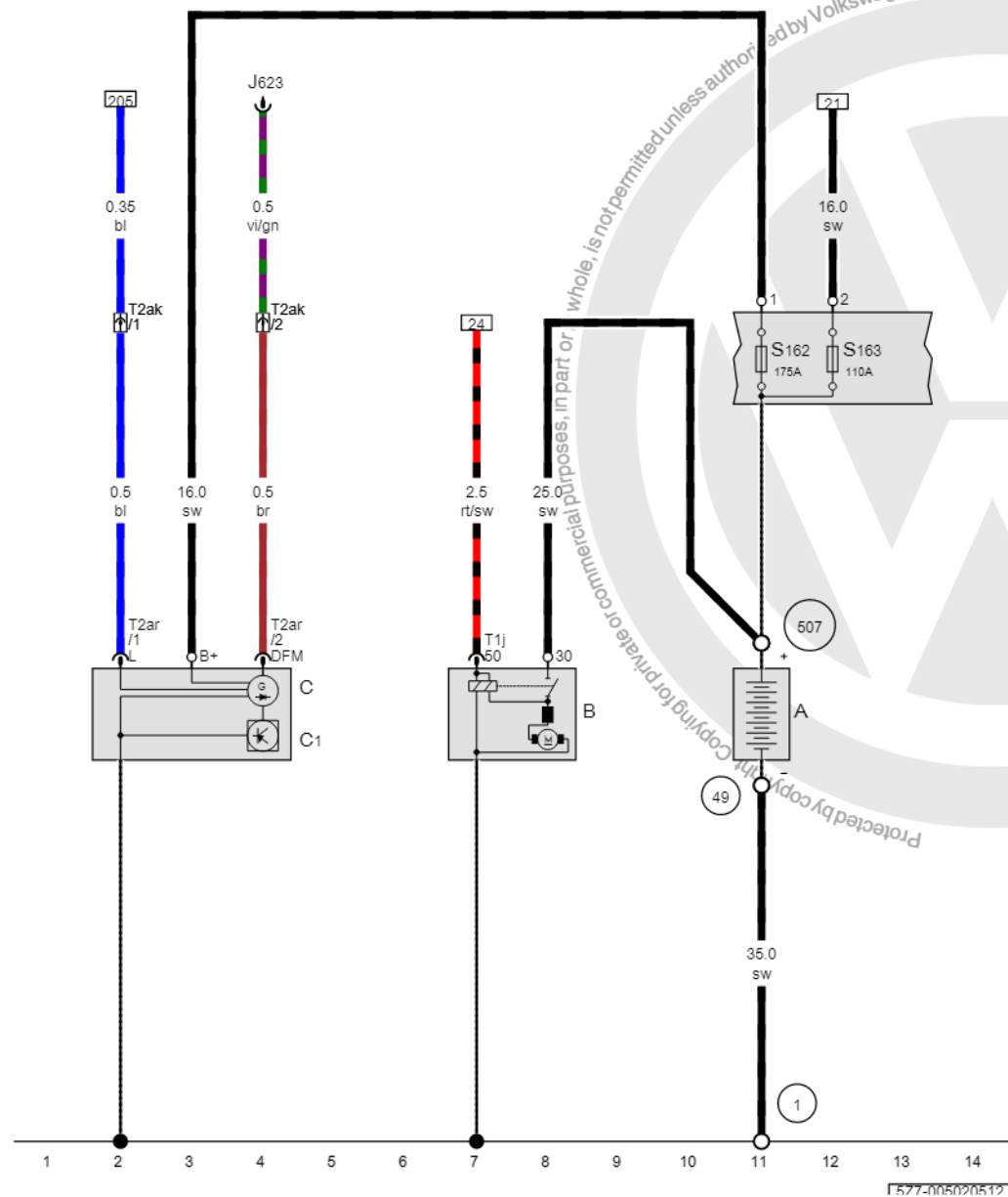
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



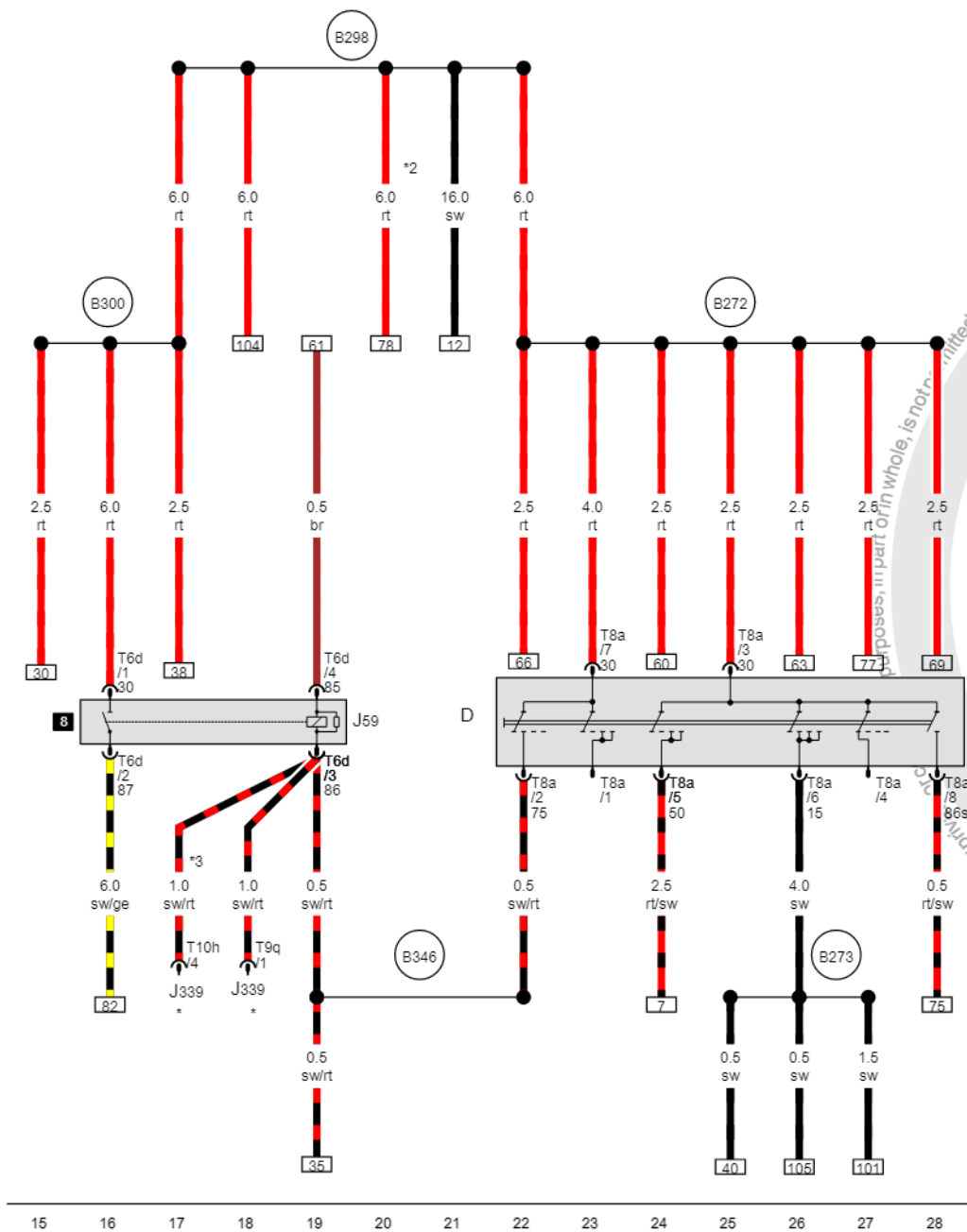
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T6d 6-pin connector
- T8a 8-pin connector
- T9q 9-pin connector
- T10h 10-pin connector

- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with central locking
- \*3 From October 2011



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1577-0050305121

Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T9l 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16d 16-pin connector

B644 Connection 3 (56a), in main wiring harness

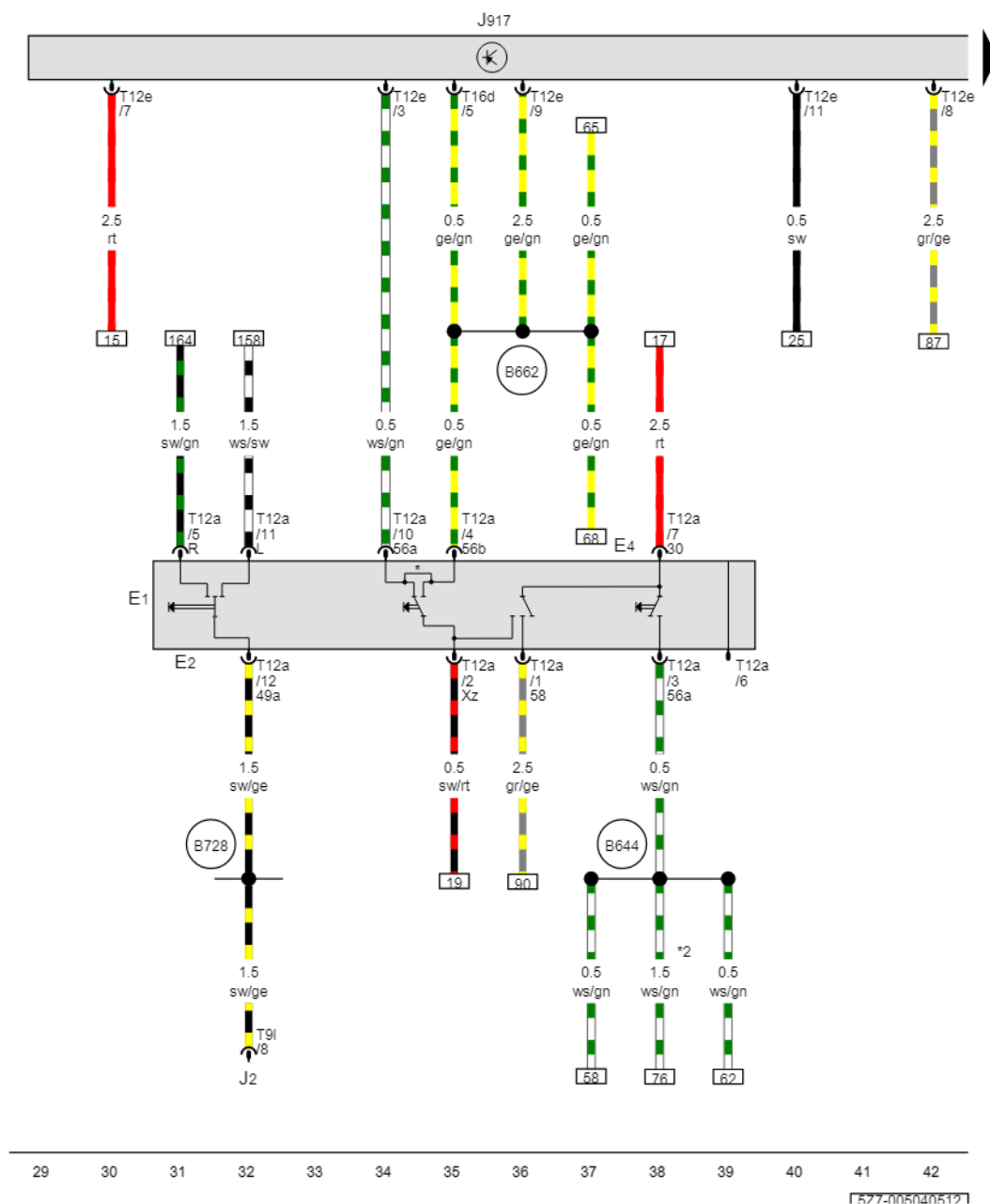
B662 Connection 2 (56b), in main wiring harness

B728 Connection (49a), in main wiring harness

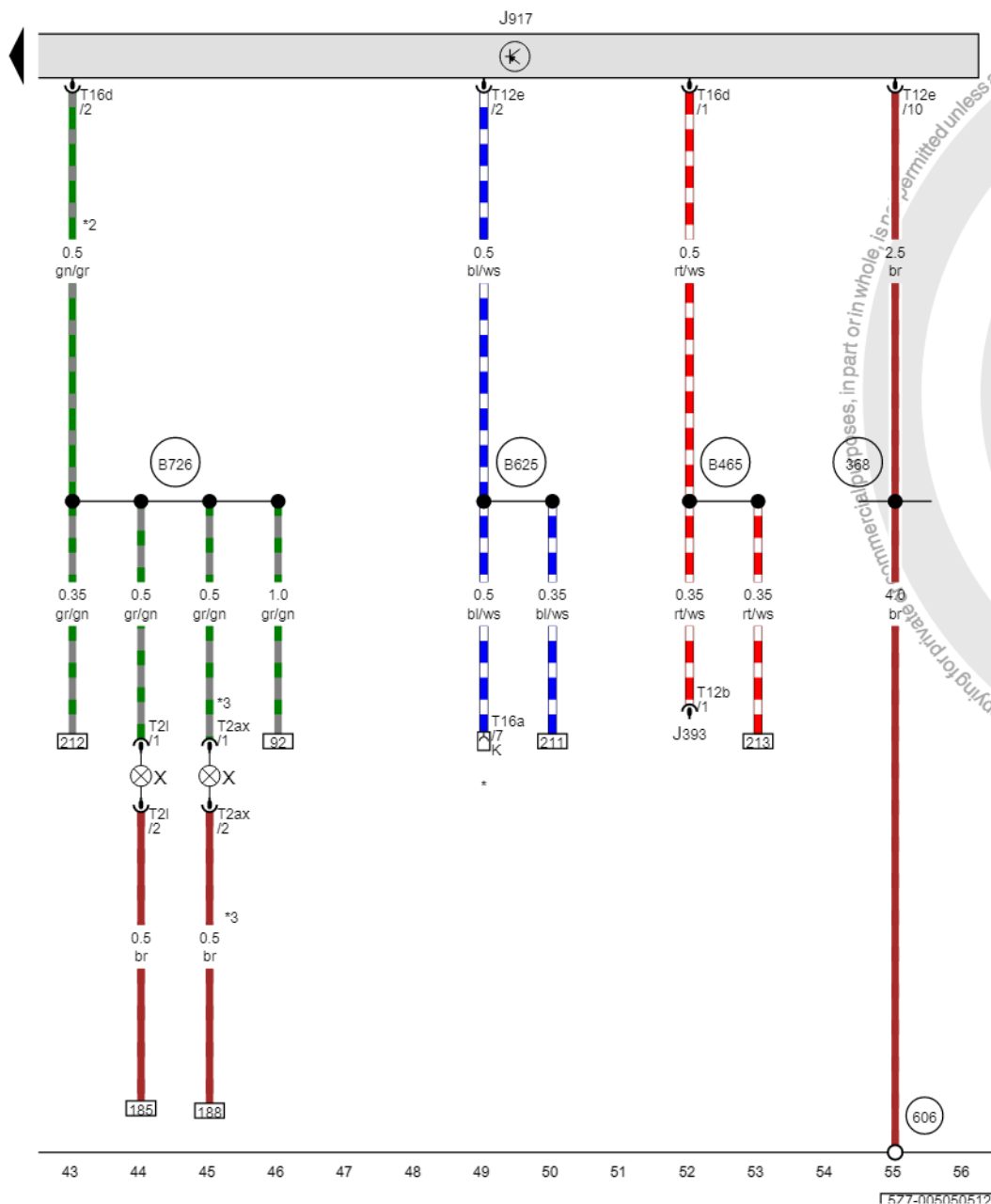
\* Only models with dual headlights

\*2 Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit for lighting and wiper functions, Number plate light



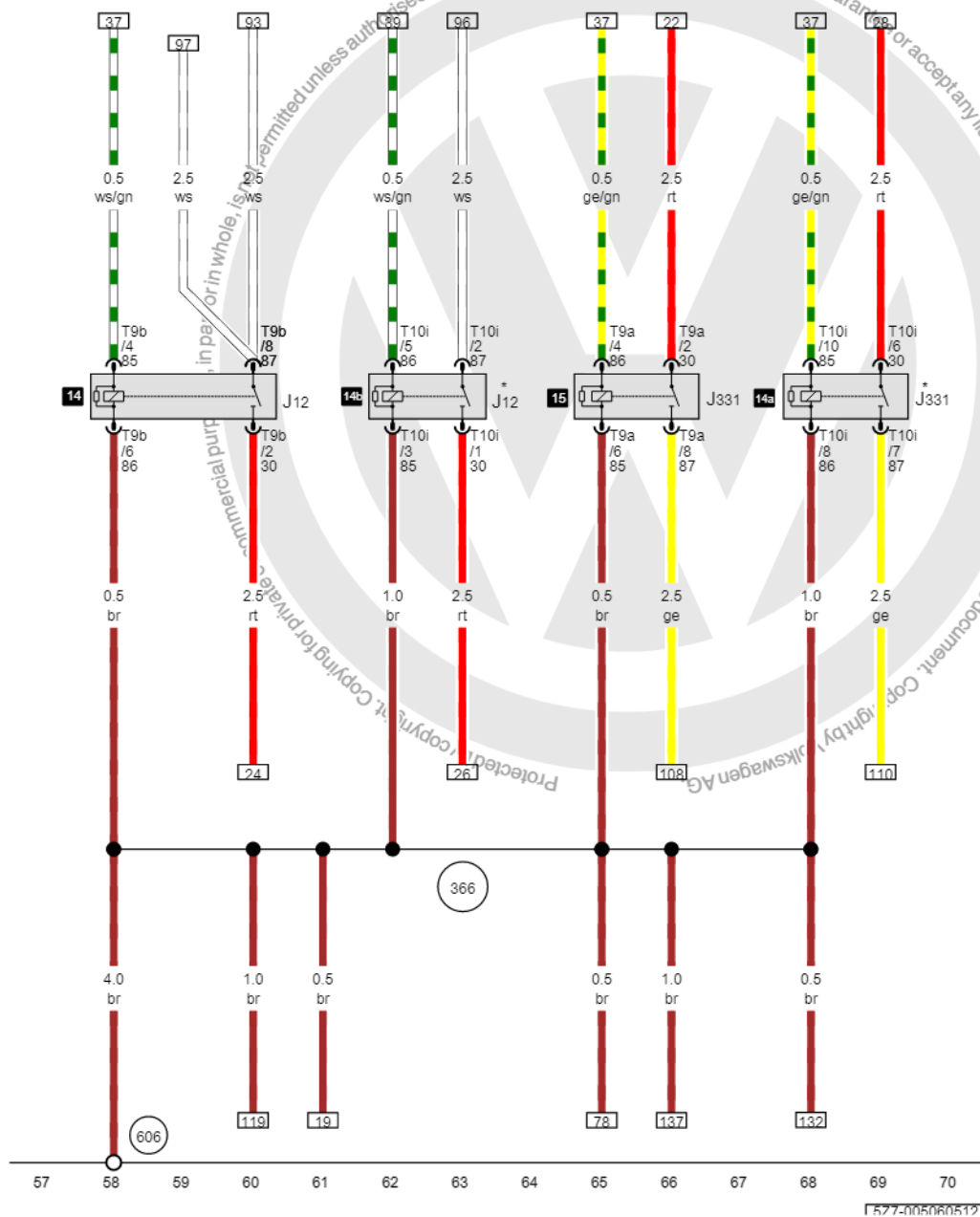
- J393 Convenience system central control unit
- J917 Control unit for lighting and wiper functions
- T2ax 2-pin connector
- T2l 2-pin connector
- T12b 12-pin connector
- T12e 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector
- X Number plate light

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B465 Connection 1, in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- \* Diagnostic connection
- \*2 Only models with rain and light sensor
- \*3 Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
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- bl = blue
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Headlight main beam relay, Dipped beam relay

- J12 Headlight main beam relay  
 J331 Dipped beam relay  
 T9a 9-pin connector  
 T9b 9-pin connector  
 T10i 10-pin connector  
 366 Earth connection 1, in main wiring harness  
 606 Earth point, under the centre console near gear stick  
 \* From October 2011



Fog light relay, Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J5 Fog light relay
- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T9r 9-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor

B275 Positive connection (87), in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

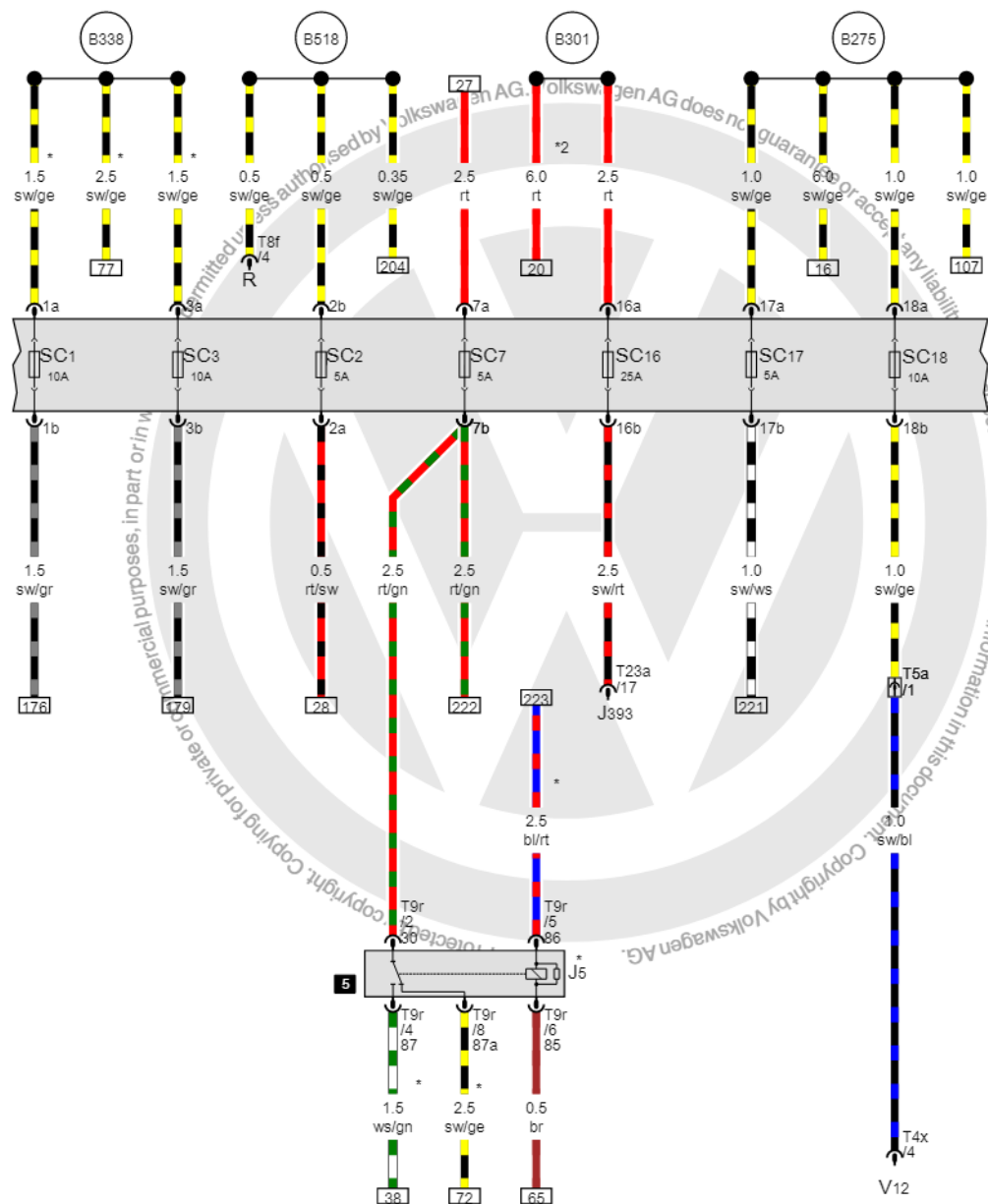
B338 Connection 1 (56), in main wiring harness

B518 Connection (86s), in main wiring harness

\* Only CROSS models

\*2 Only models with central locking

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

SB31 Fuse 31 on fuse holder B  
SB32 Fuse 32 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB43 Fuse 43 on fuse holder B

B274 Positive connection (58L), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B629 Connection (56a), in main wiring harness

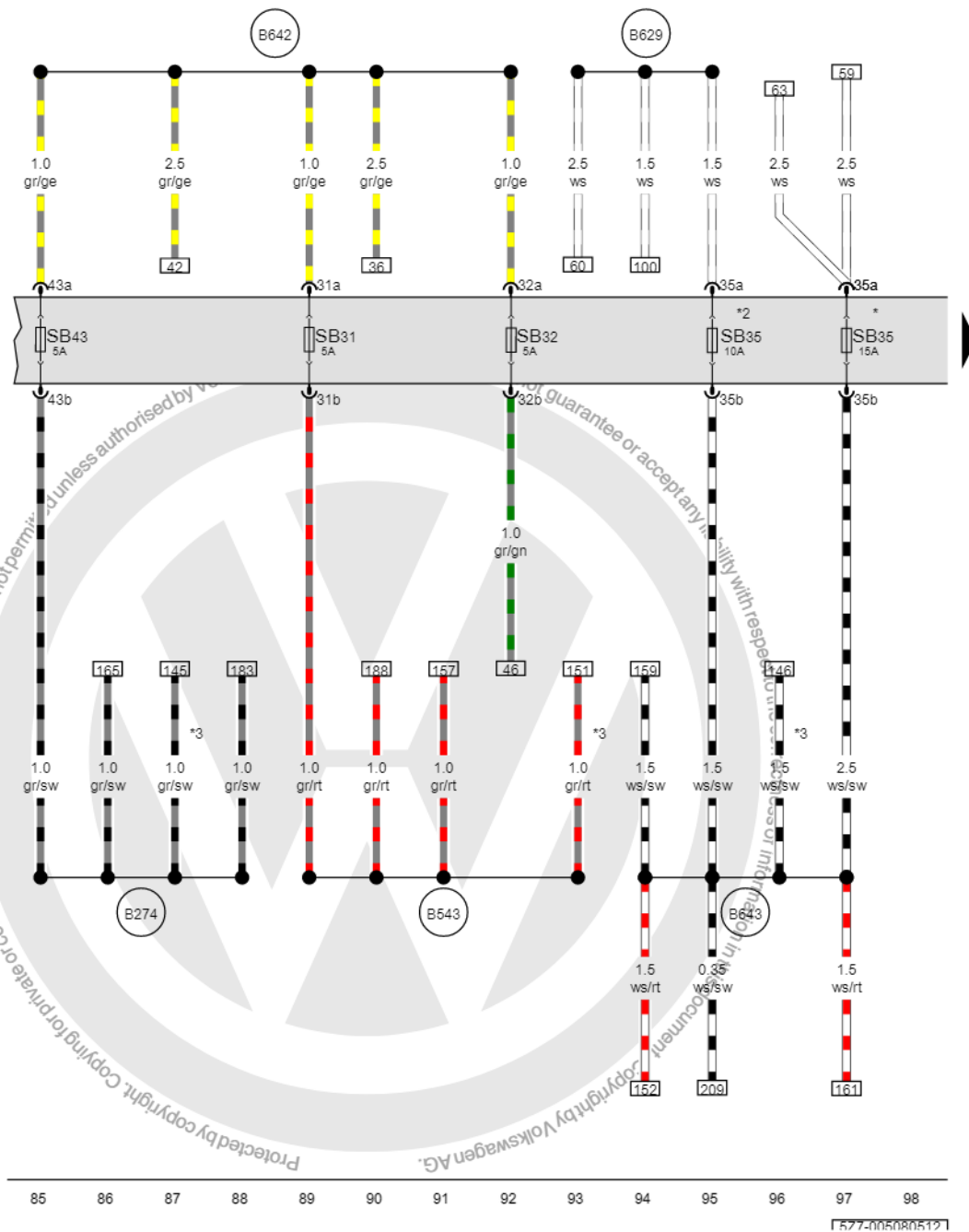
B642 Positive connection (58), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

\* From May 2011

\*2 Up to May 2011

\*3 Only models with dual headlights



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

# Reversing light switch

- F4 Reversing light switch
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector

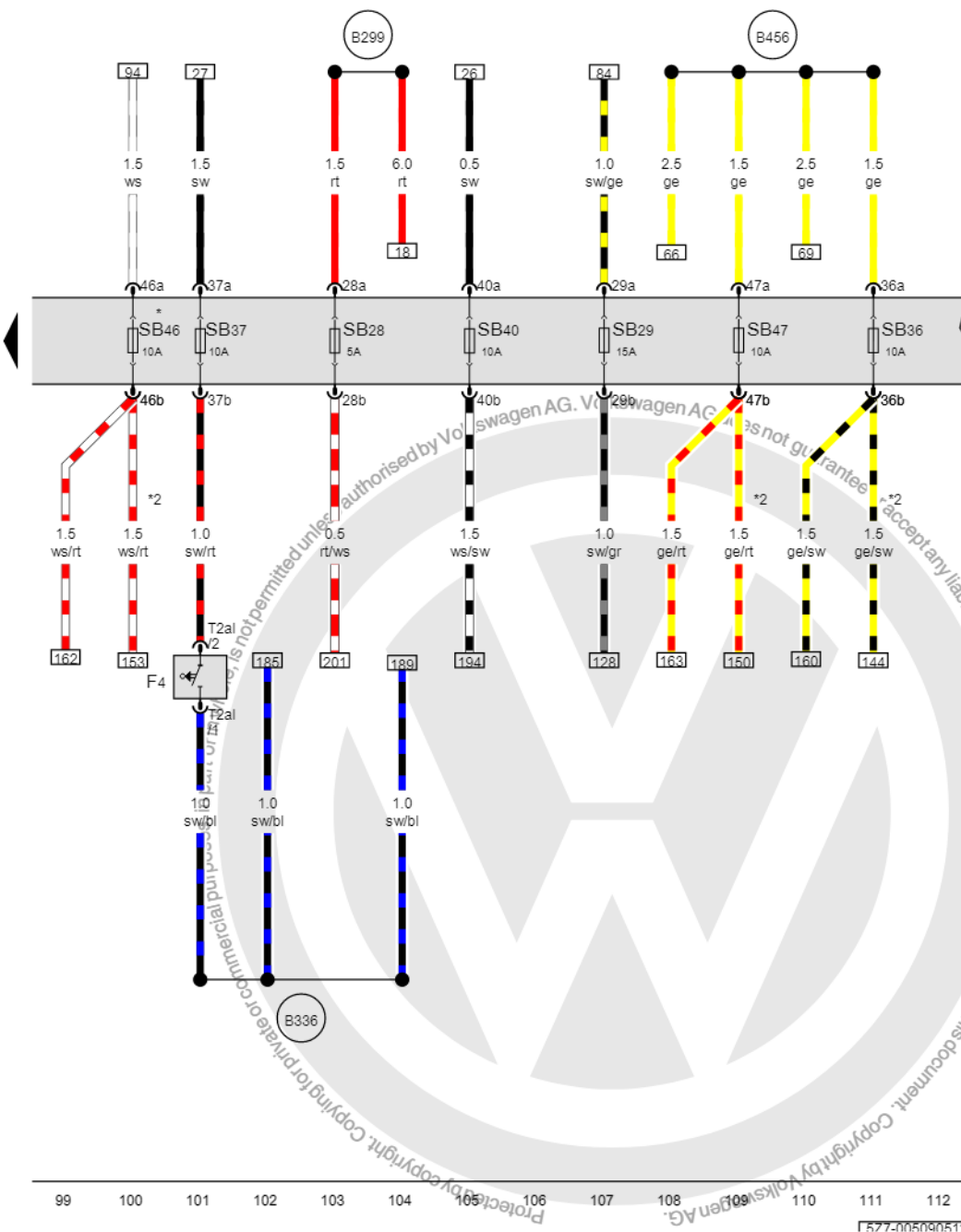
B299 Positive connection 3 (30), in main wiring harness

B336 Connection 2 (54), in main wiring harness

B456 Connection (56b), in main wiring harness

\* Up to May 2011

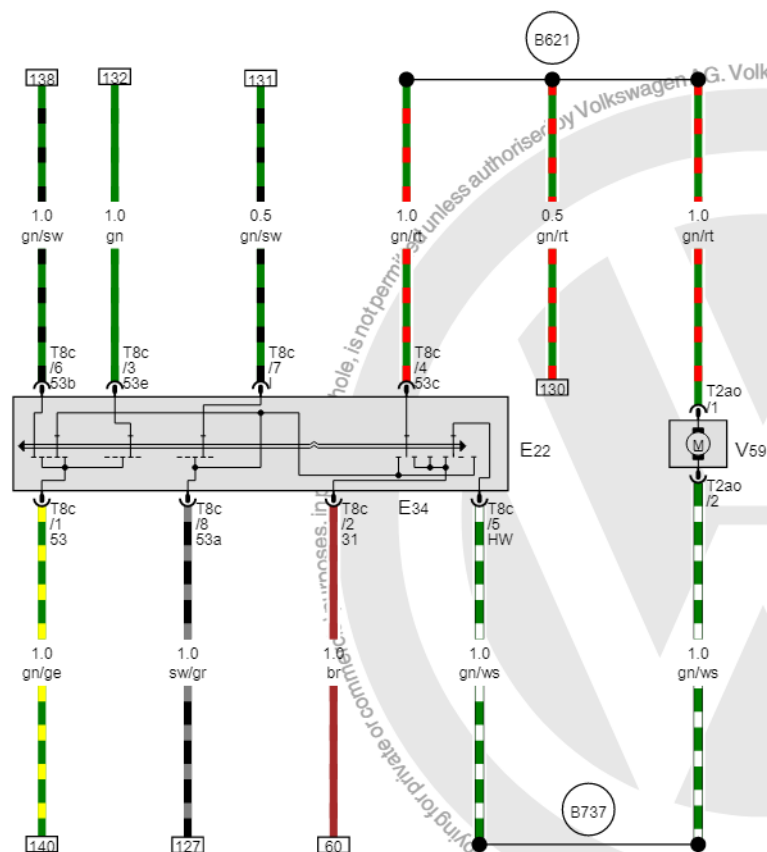
\*2 Only models with dual headlights



- ws = white
- sw = black
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Intermittent wiper switch, Rear wiper switch, Windscreen and rear window washer pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- T2ao 2-pin connector
- T8c 8-pin connector
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness



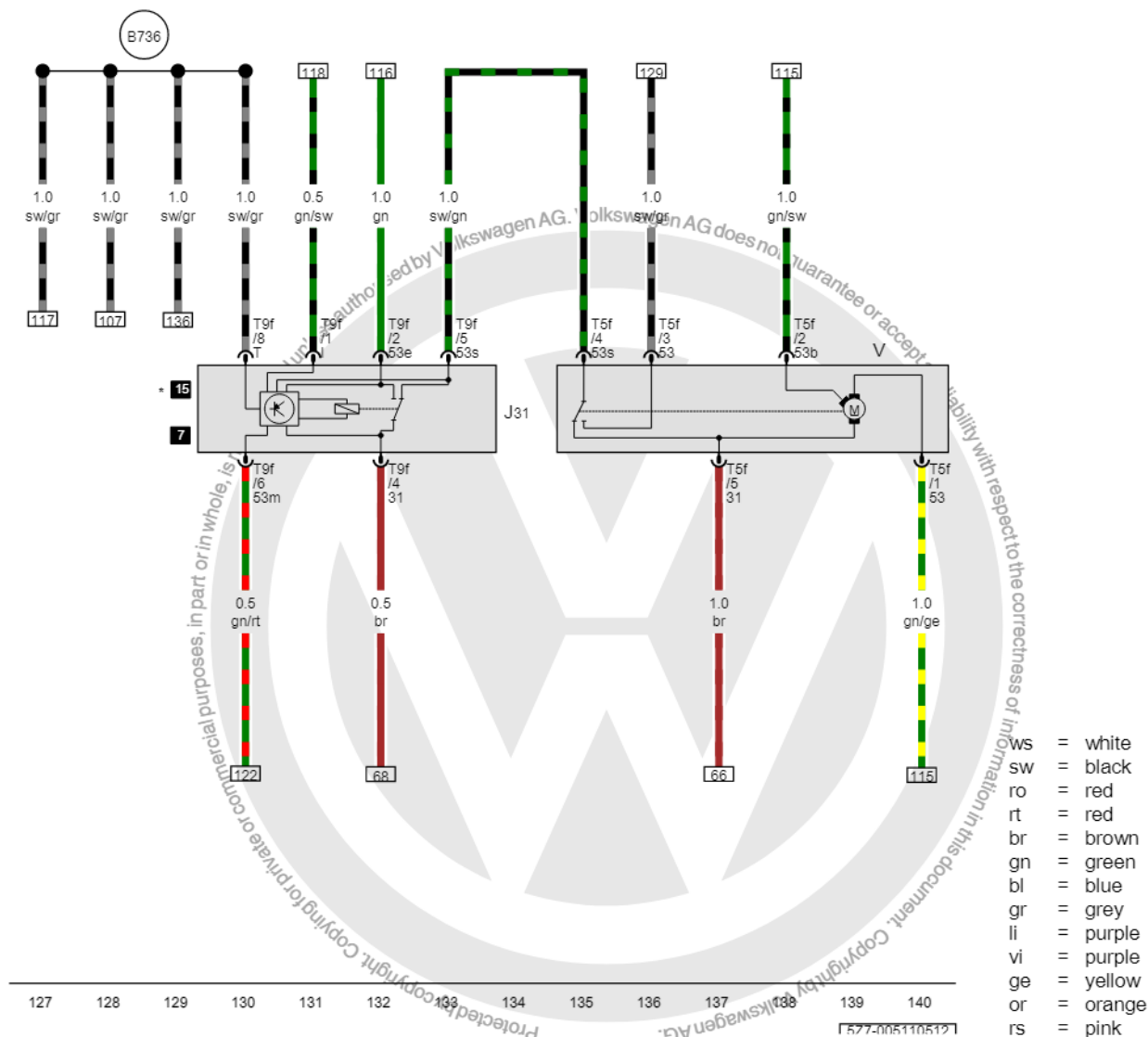
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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Automatic intermittent wash and wipe relay, Windscreen wiper motor

- J31 Automatic intermittent wash and wipe relay
- T5f 5-pin connector
- T9f 9-pin connector
- V Windscreen wiper motor

B736 Positive connection (53a), in main wiring harness

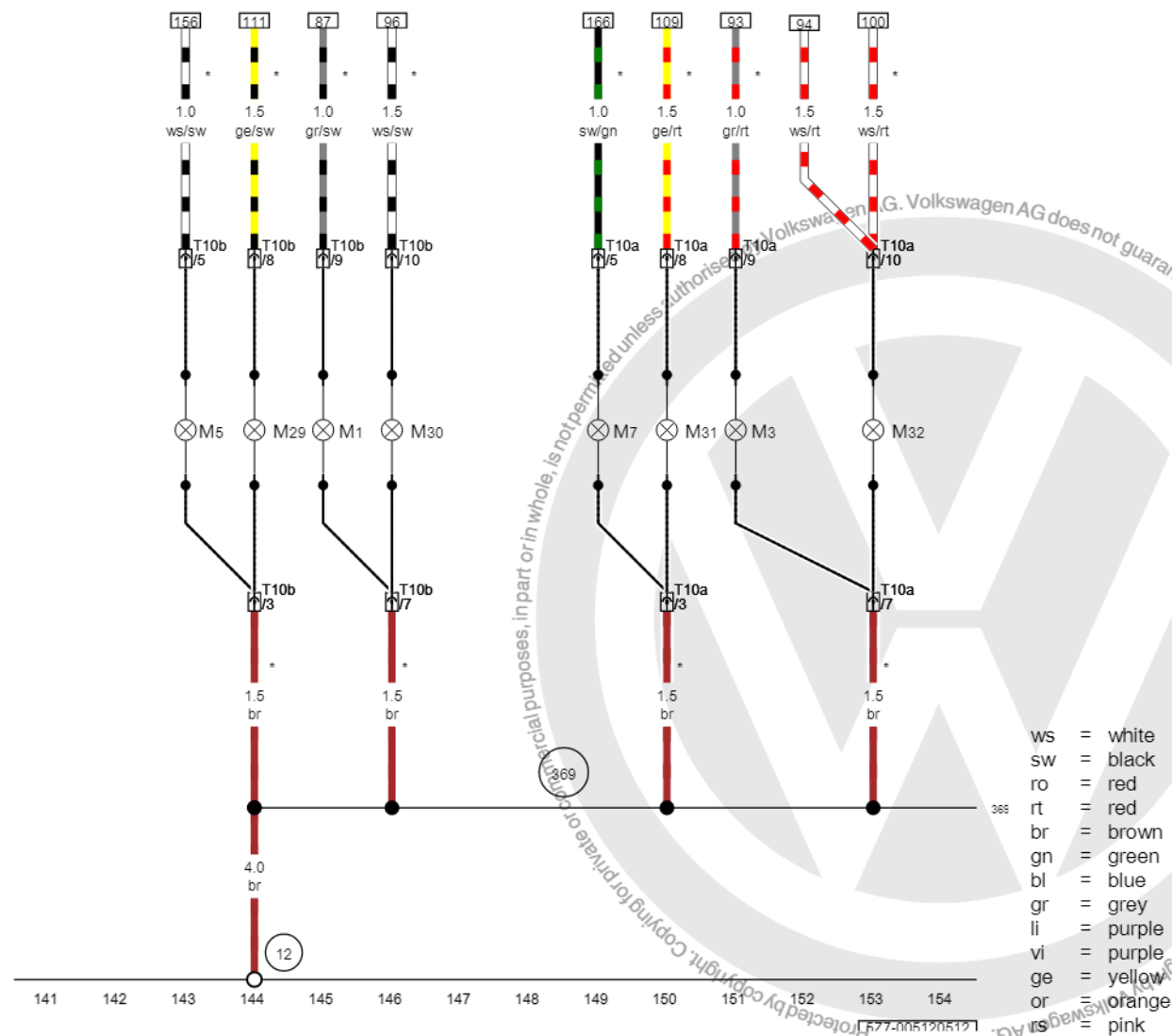
\* From October 2011

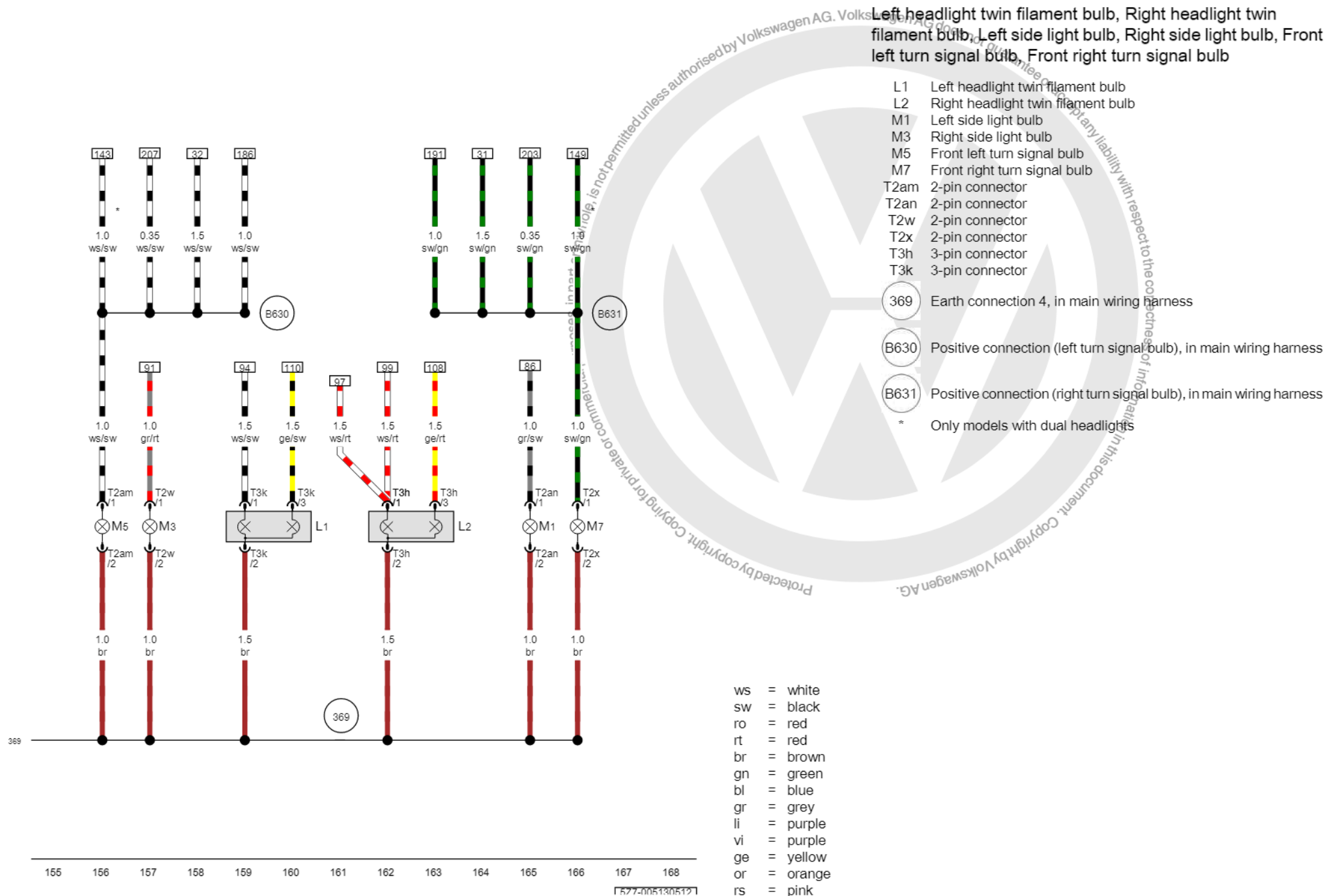


Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector

- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- \* Only models with dual headlights





Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

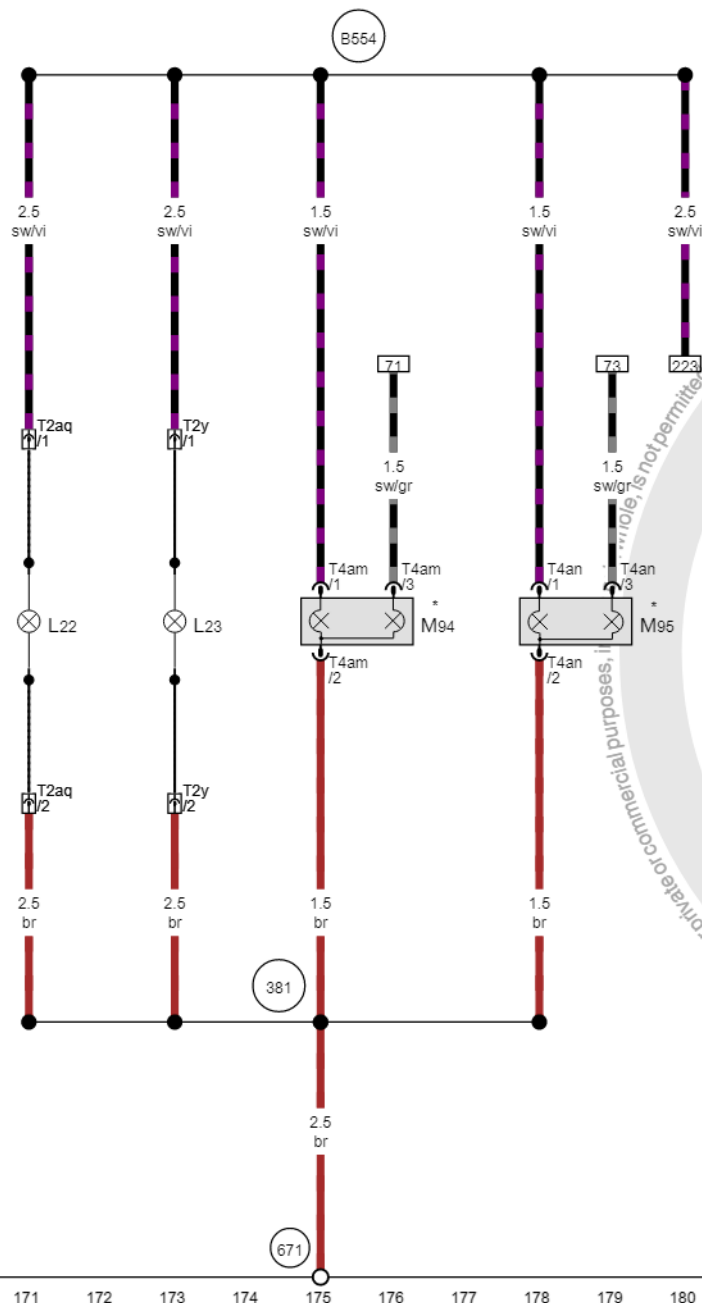
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

381 Earth connection 16, in main wiring harness

671 Earth point 1, on front of left longitudinal member

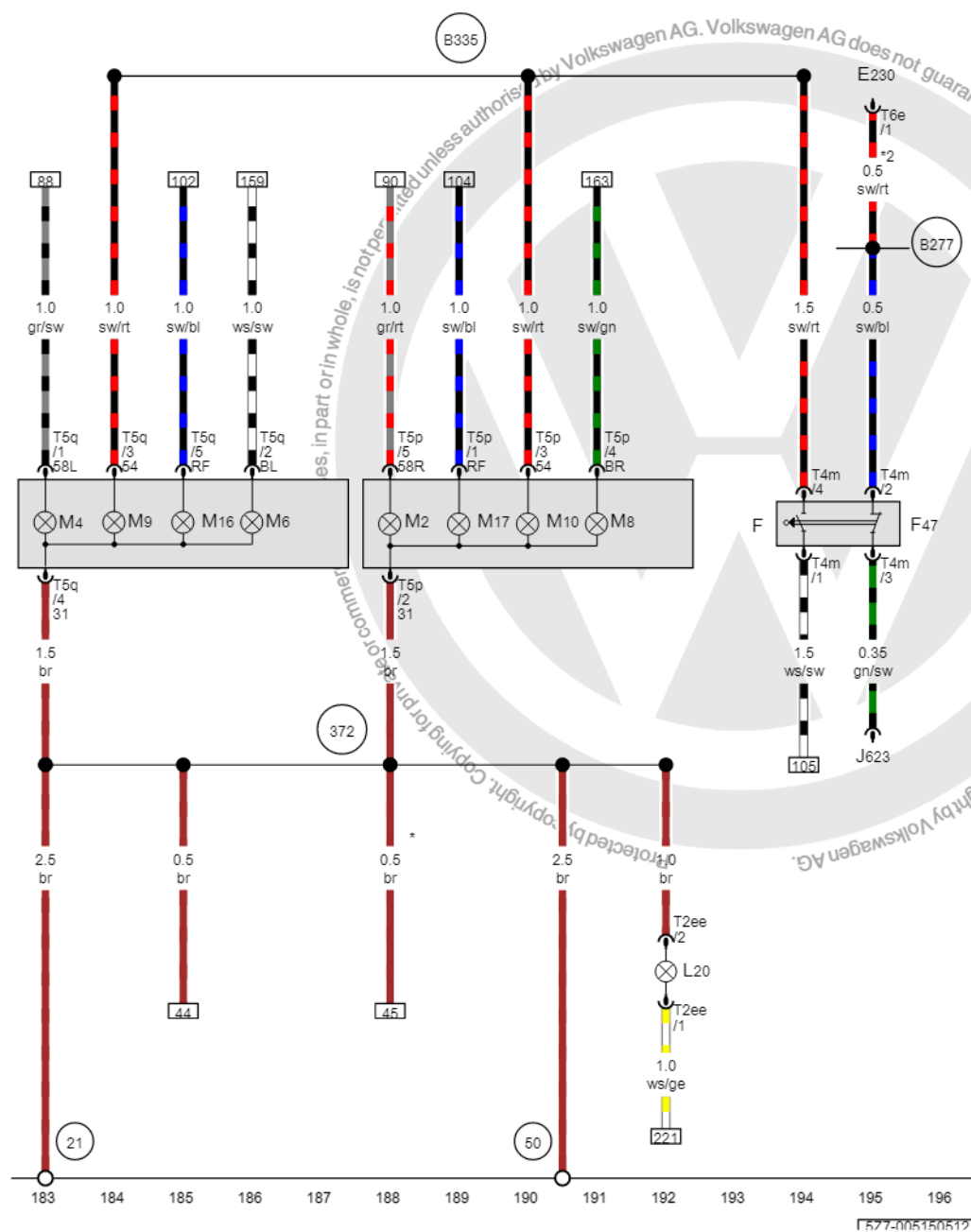
B554 Connection (fog light), in main wiring harness

\* Only CROSS models



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

169 170 171 172 173 174 175 176 177 178 179 180 181 182



Brake light switch, Brake pedal switch, Rear fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L20 Rear fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2ee 2-pin connector
- T4m 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T6e 6-pin connector
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- \* Only CROSS models
- \*2 Only models with rain and light sensor

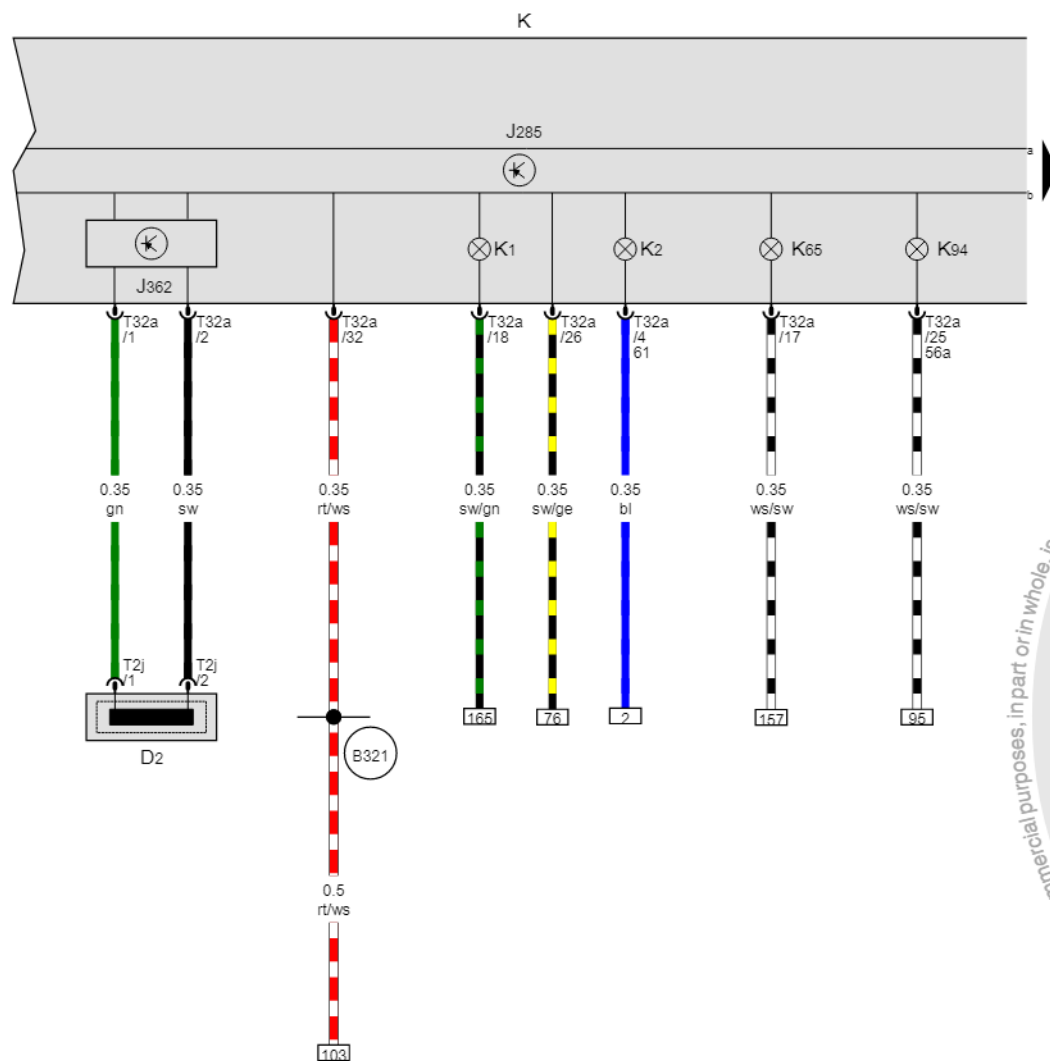
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



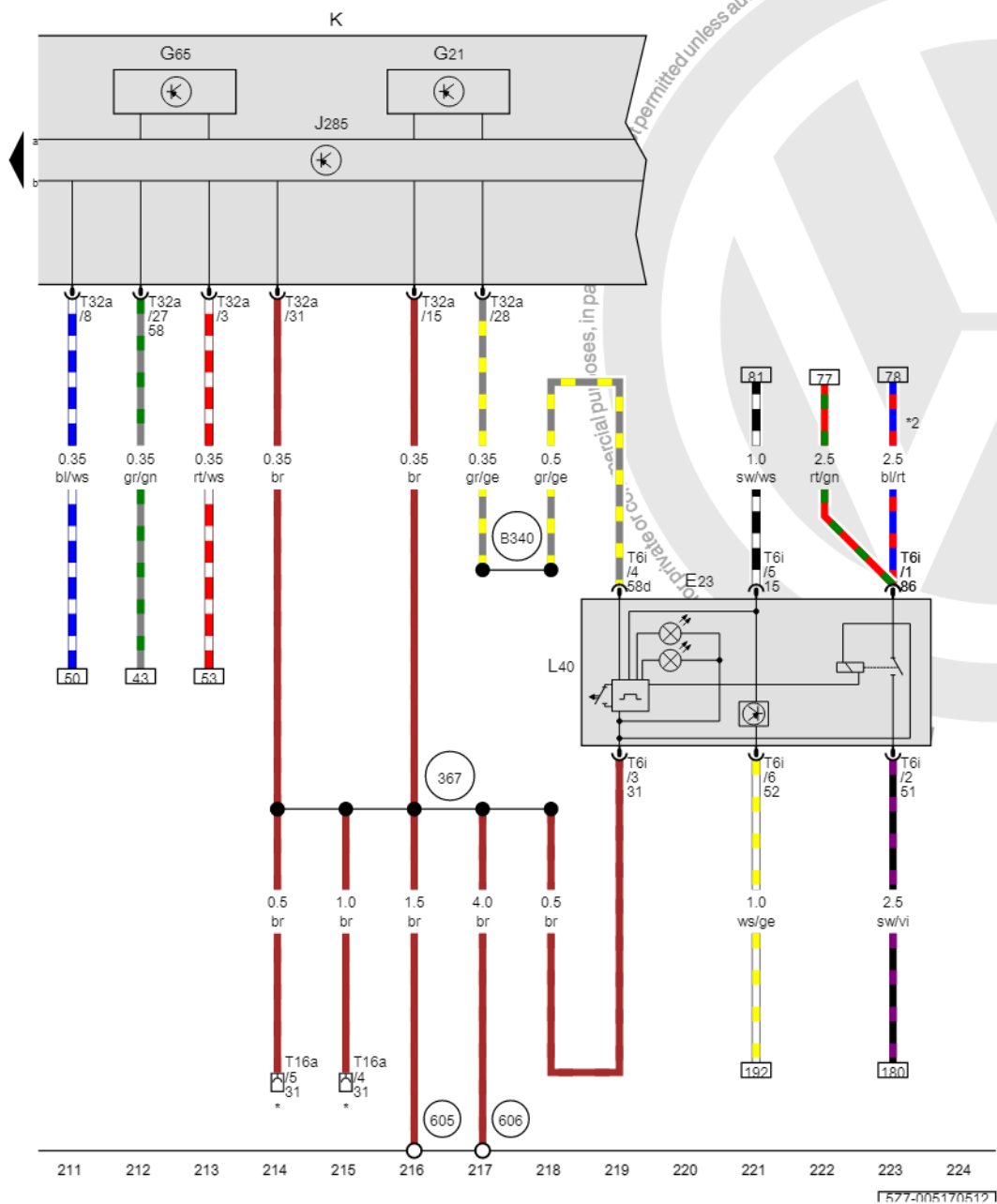
Immobiliser reader coil, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T2j 2-pin connector
- T32a 32-pin connector

B321 Positive connection 7 (30a) in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
- G21 Speedometer
- G65 High-pressure sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- \* Diagnostic connection
- \*2 Only CROSS models

## Automated manual gearbox

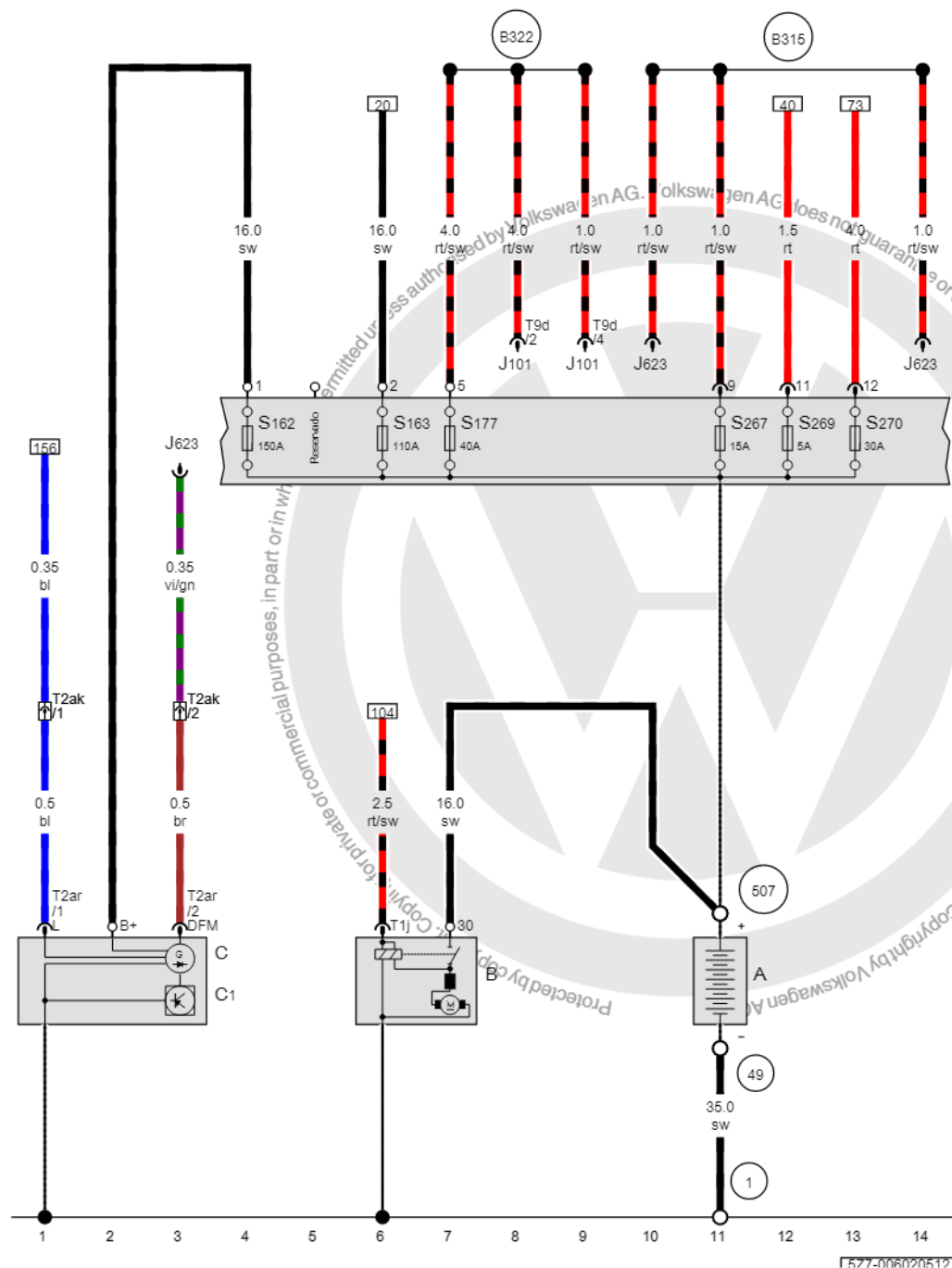
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J101 Radiator fan 2nd speed relay
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S267 Fuse 9 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- S270 Fuse 12 (30), in battery fuse holder
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T9d 9-pin connector

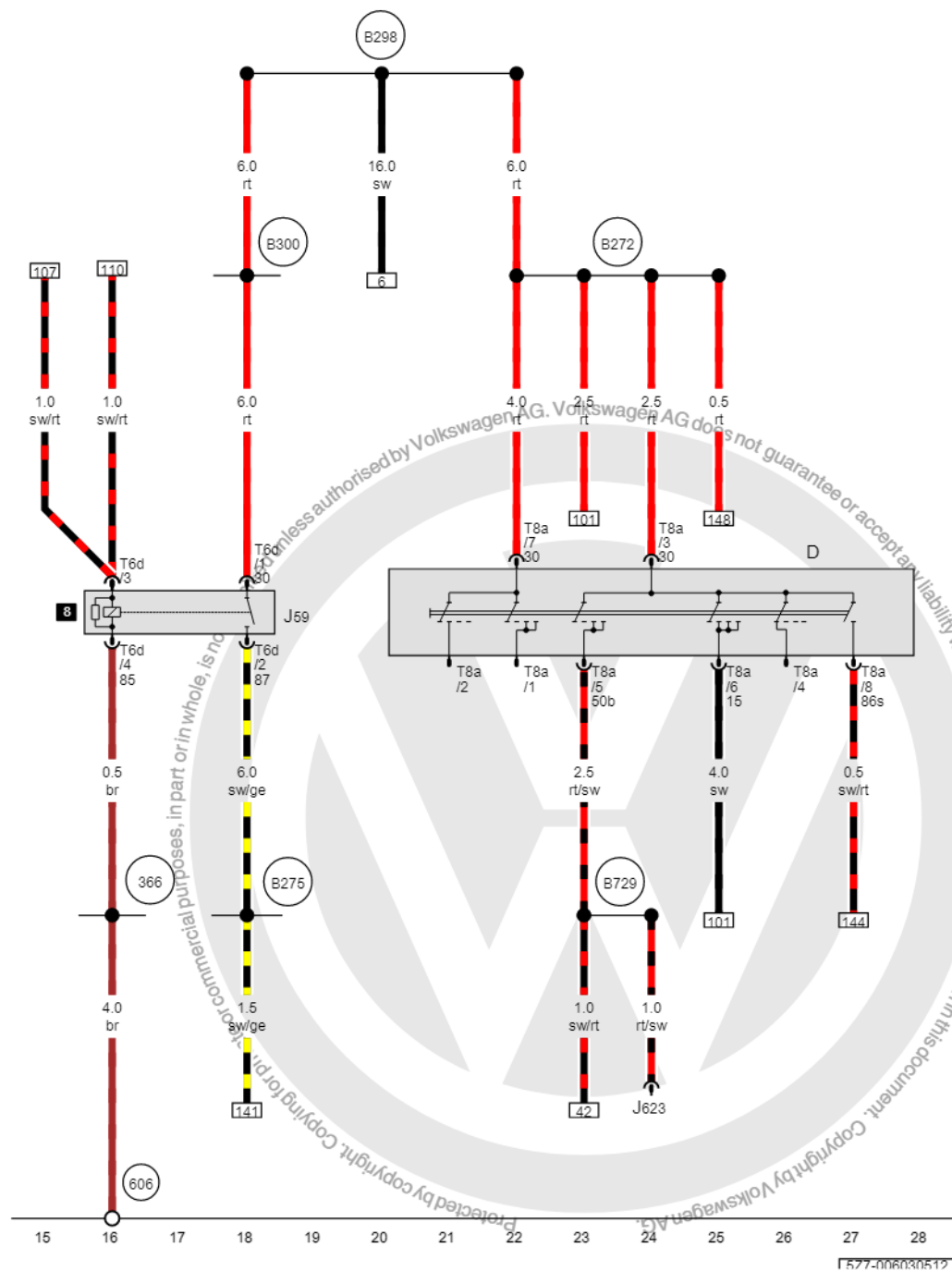
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B315 Positive connection 1 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness



Ignition/starter switch, X-contact relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
J623 Engine control unit  
T6d 6-pin connector  
T8a 8-pin connector

- (366) Earth connection 1, in main wiring harness
- (606) Earth point, under the centre console near gear stick
- (B272) Positive connection (30), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B729) Connection 1 (50), in main wiring harness



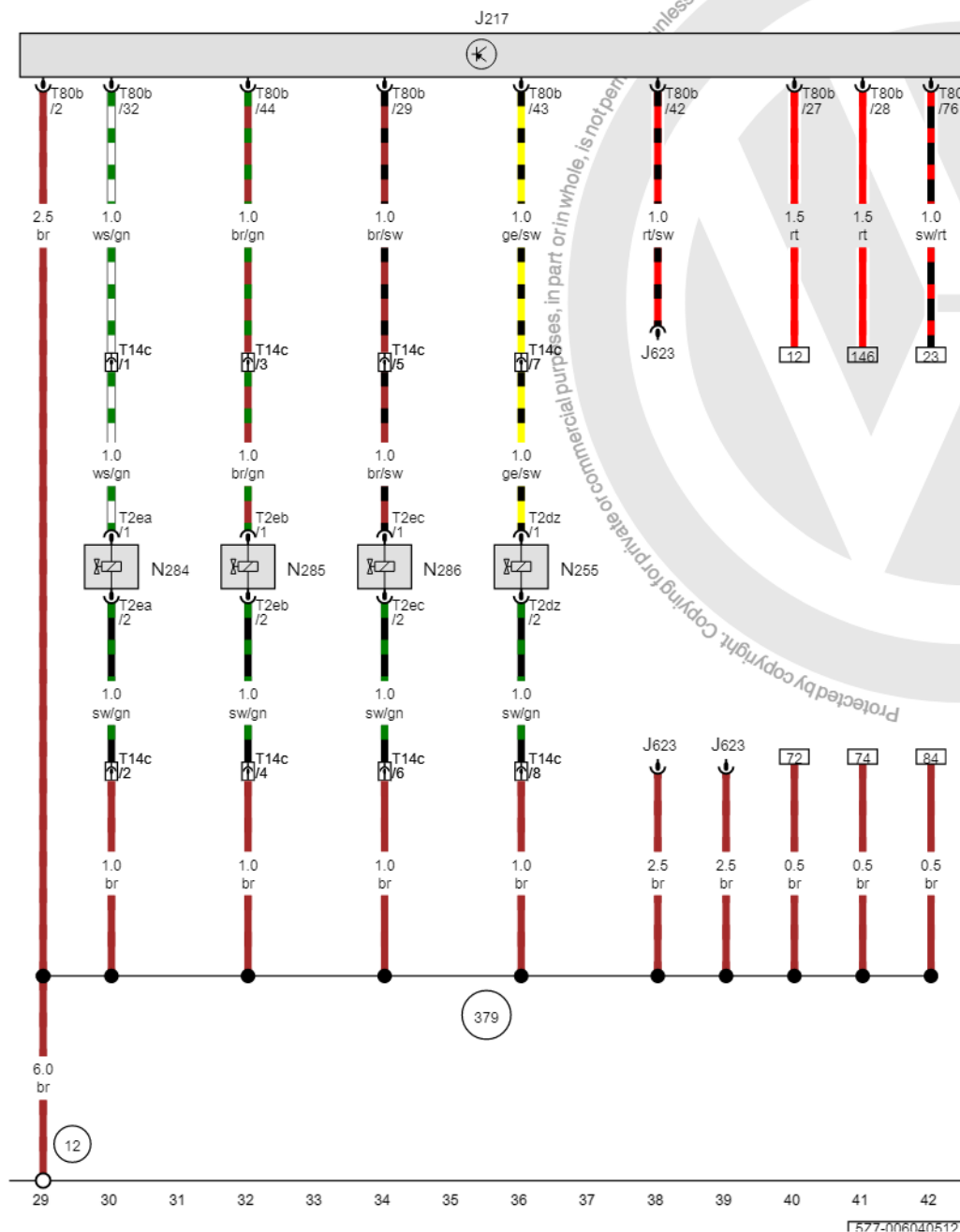
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Automatic gearbox control unit, Clutch actuator valve, Selector lever valve 1, Selector lever valve 2, Selector lever valve 3

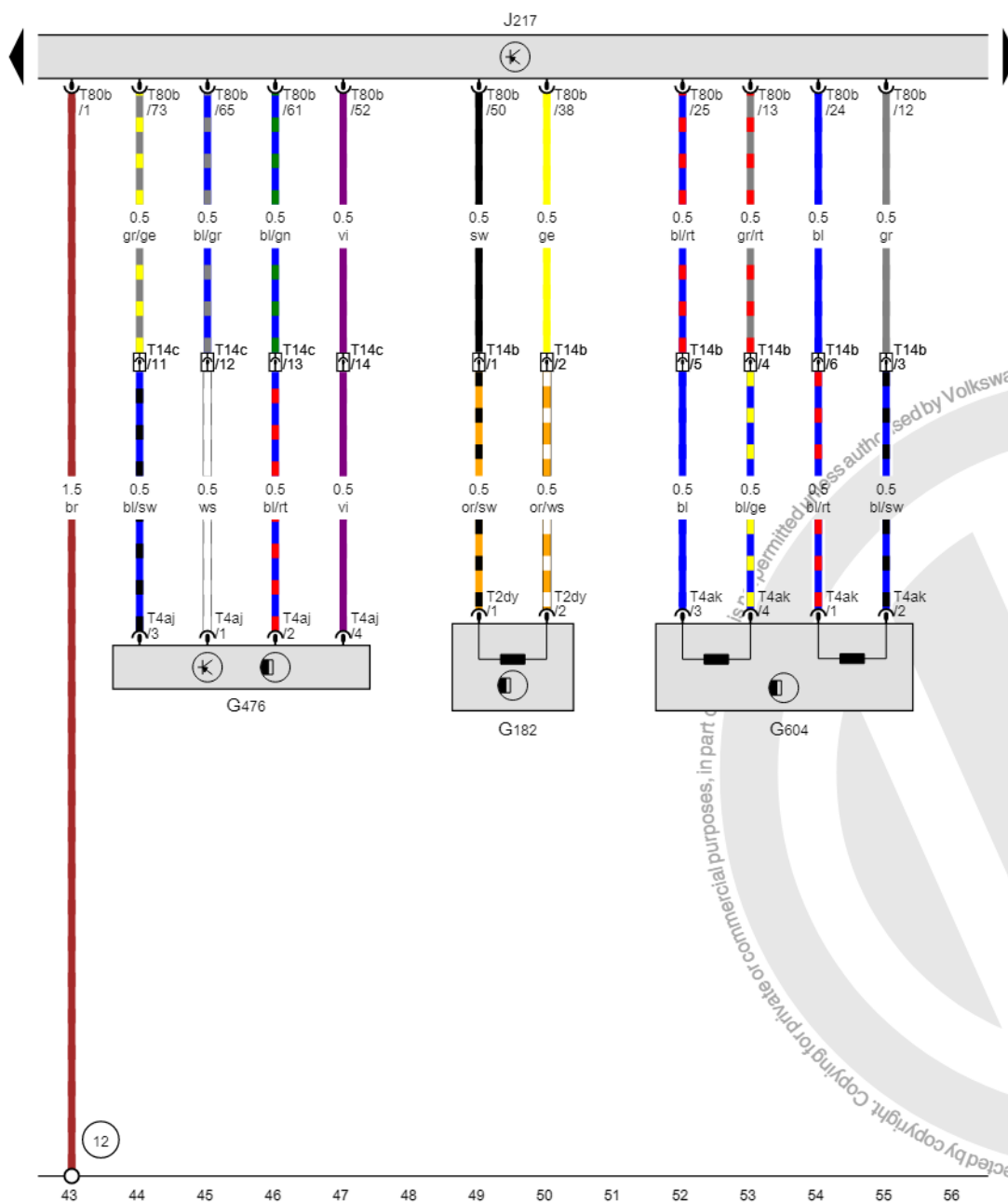
- J217 Automatic gearbox control unit
- J623 Engine control unit
- N255 Clutch actuator valve
- N284 Selector lever valve 1
- N285 Selector lever valve 2
- N286 Selector lever valve 3
- T2dz 2-pin connector
- T2ea 2-pin connector
- T2eb 2-pin connector
- T2ec 2-pin connector
- T14c 14-pin connector, under cover for selector mechanism
- T80b 80-pin connector

12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

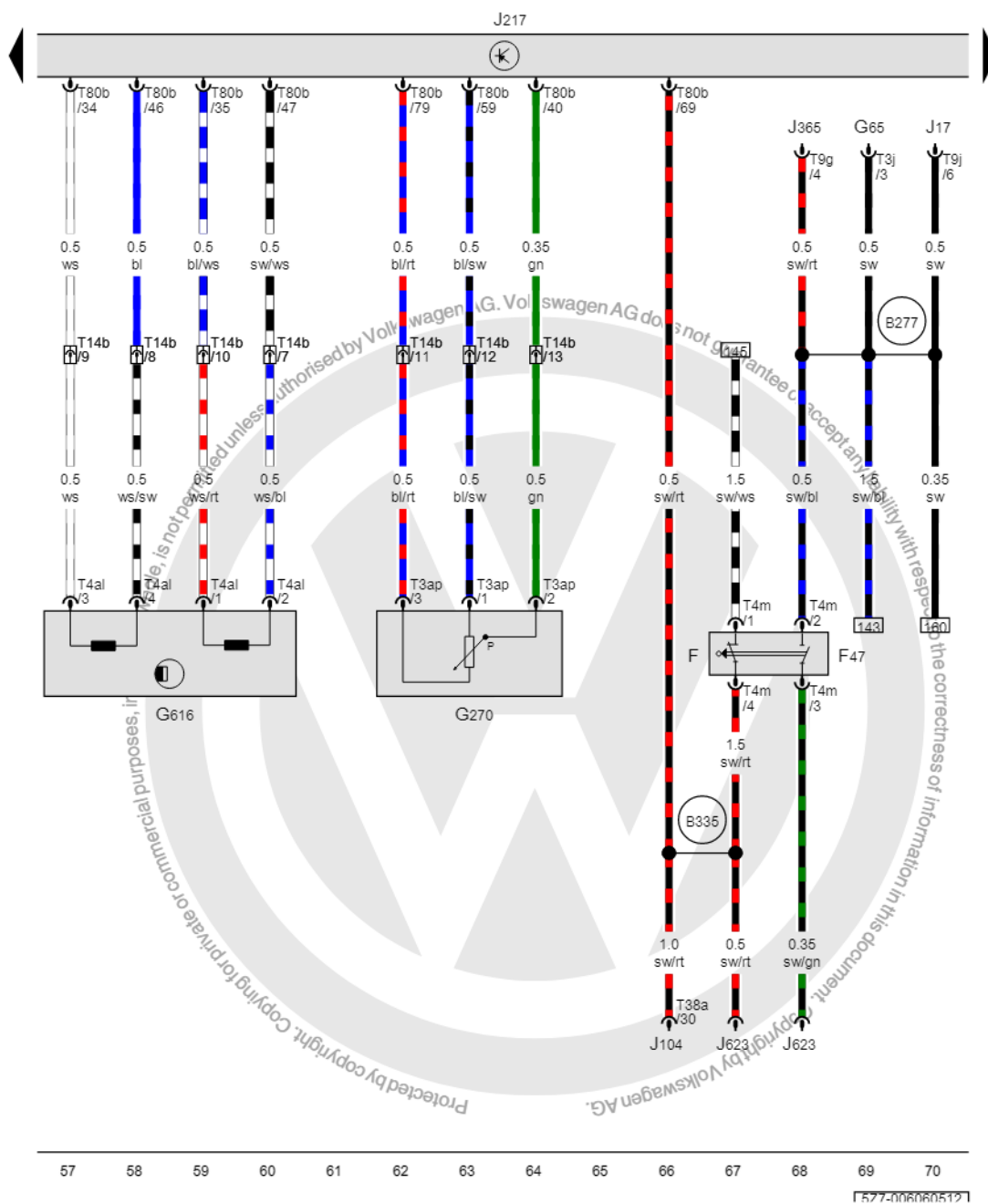


Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit

- G182 Gearbox input speed sender
- G476 Clutch position sender
- G604 Gear detection sensor
- J217 Automatic gearbox control unit
- T2dy 2-pin connector
- T4aj 4-pin connector
- T4ak 4-pin connector
- T14b 14-pin connector, under cover for selector mechanism
- T14c 14-pin connector, under cover for selector mechanism
- T80b 80-pin connector

12 Earth point, on left in engine compartment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake light switch, Brake pedal switch, Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

- F Brake light switch
- F47 Brake pedal switch
- G65 High-pressure sender
- G270 Gearbox hydraulic pressure sender
- G616 Sensor 2 for gear detection
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3ap 3-pin connector
- T3j 3-pin connector
- T4al 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T14b 14-pin connector, under cover for selector mechanism
- T38a 38-pin connector
- T80b 80-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B335 Connection 1 (54), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

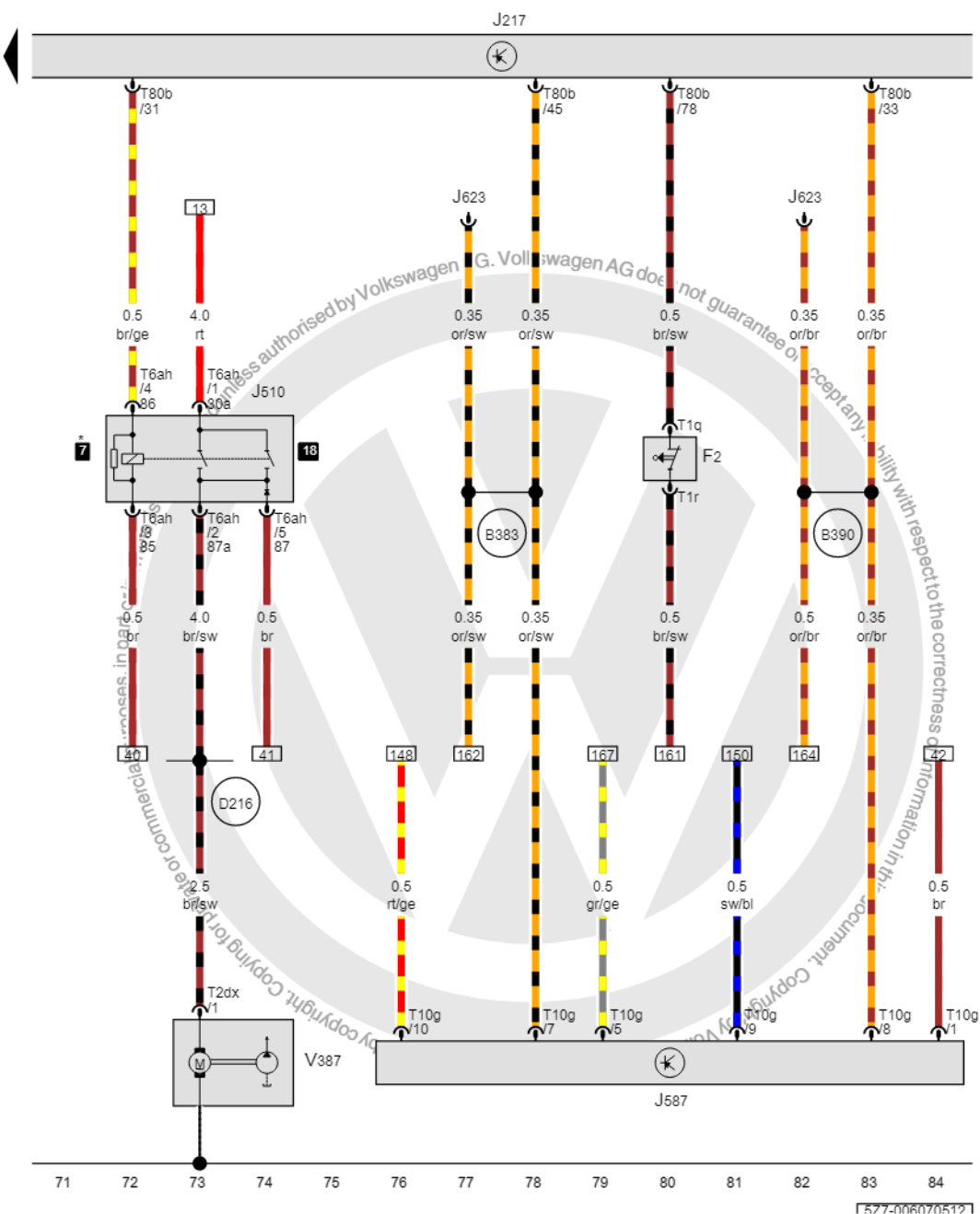


Driver door contact switch, Automatic gearbox control unit, Gearbox hydraulic pump relay, Selector lever sensors control unit, Hydraulic pump for gearbox

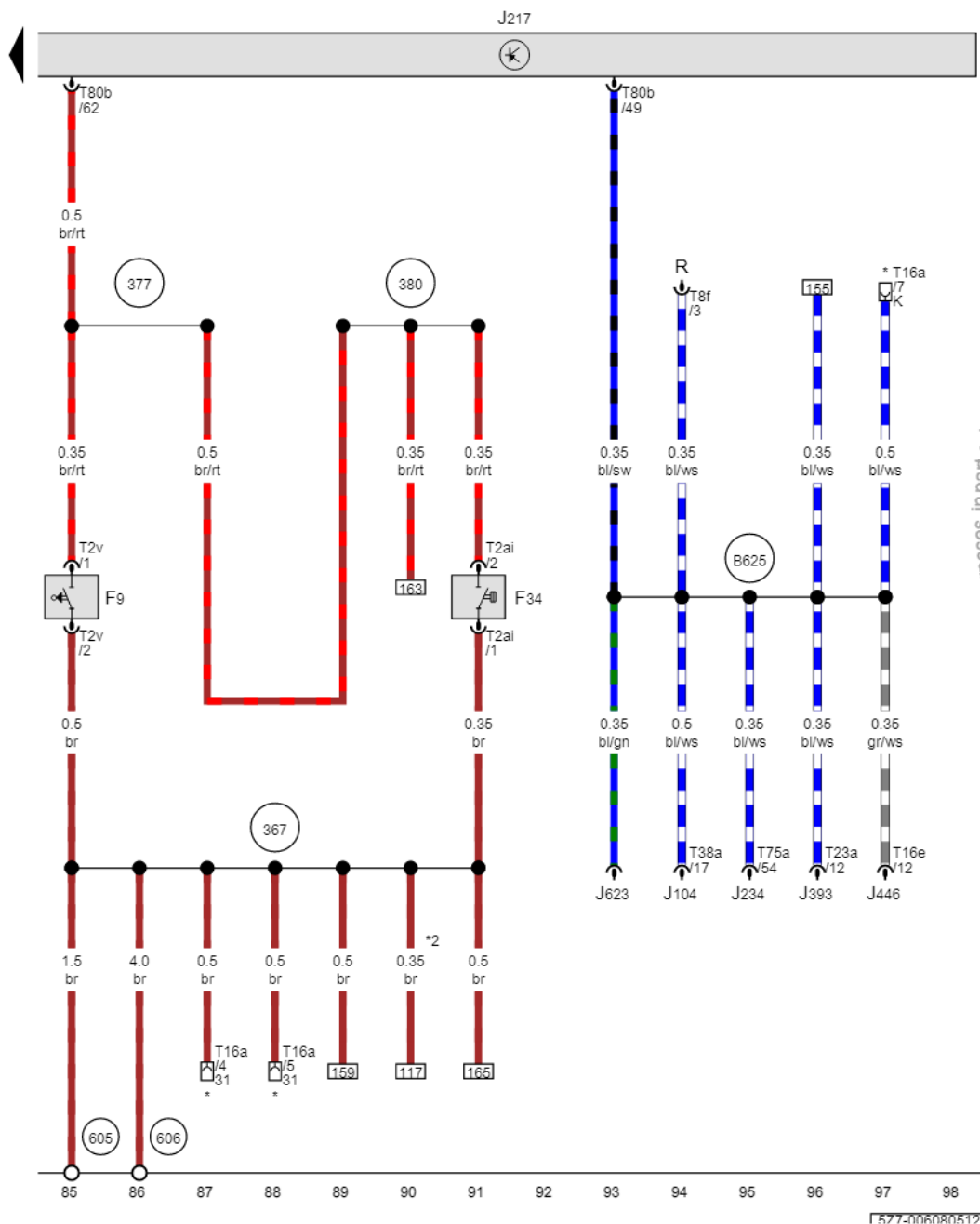
- F2 Driver door contact switch
- J217 Automatic gearbox control unit
- J510 Gearbox hydraulic pump relay
- J587 Selector lever sensors control unit
- J623 Engine control unit
- T1q Single connector
- T1r Single connector
- T2dx 2-pin connector
- T6ah 6-pin connector
- T10g 10-pin connector
- T80b 80-pin connector
- V387 Hydraulic pump for gearbox

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D216 Connection (hydraulic pump warning lamp), in main wiring harness

\* From October 2011



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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Handbrake warning switch, Brake fluid level warning contact, Automatic gearbox control unit

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T2ai 2-pin connector
- T2v 2-pin connector
- T8f 8-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80b 80-pin connector

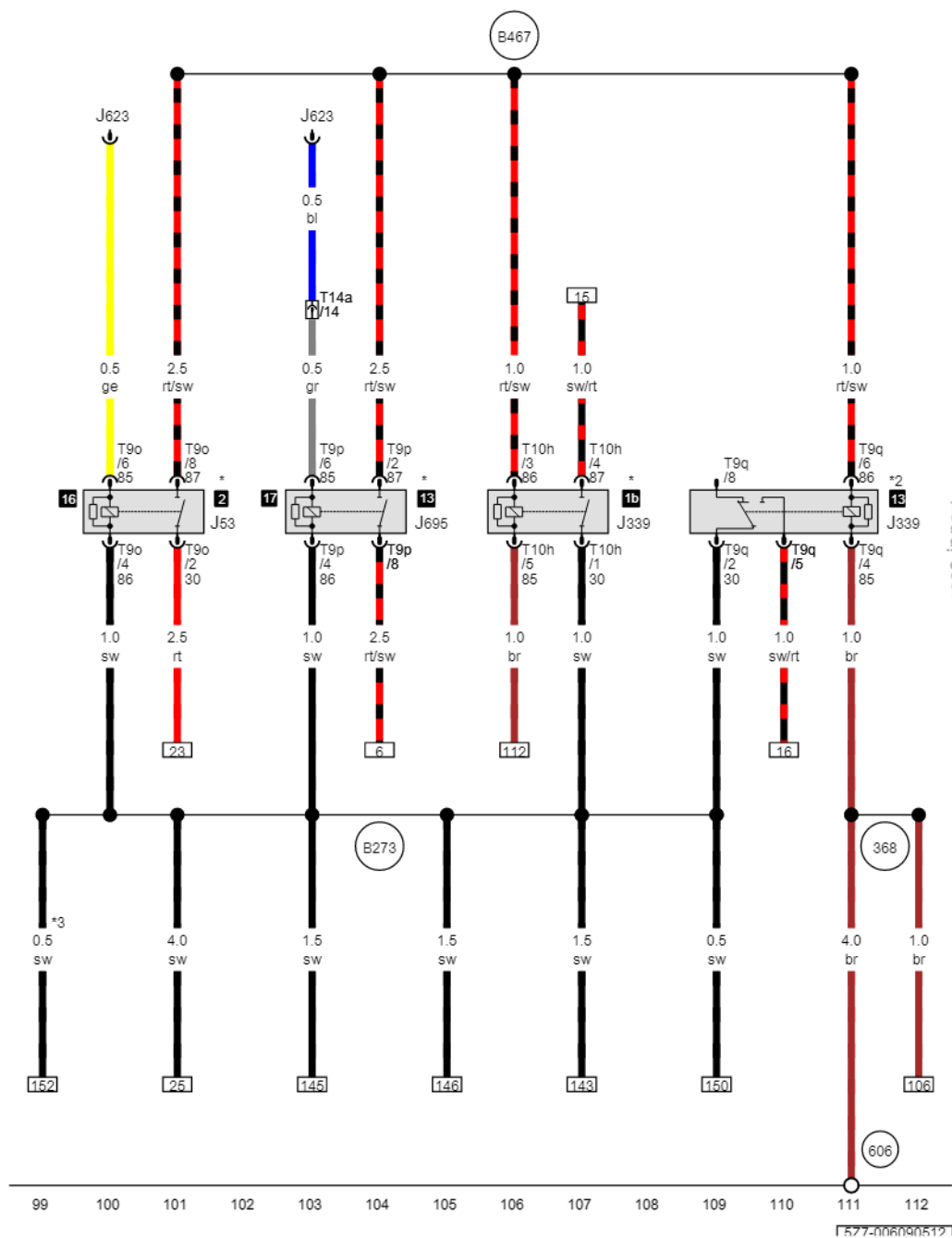
- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection
- \*2 Only models with operating unit for radio

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Starter motor relay, X contact relief relay 2, Starter motor relay 2

- J53 Starter motor relay
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector, on left in engine compartment

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B467 Connection 3, in main wiring harness
- \* From October 2011
- \*2 Up to October 2011
- \*3 Only models with operating unit for radio

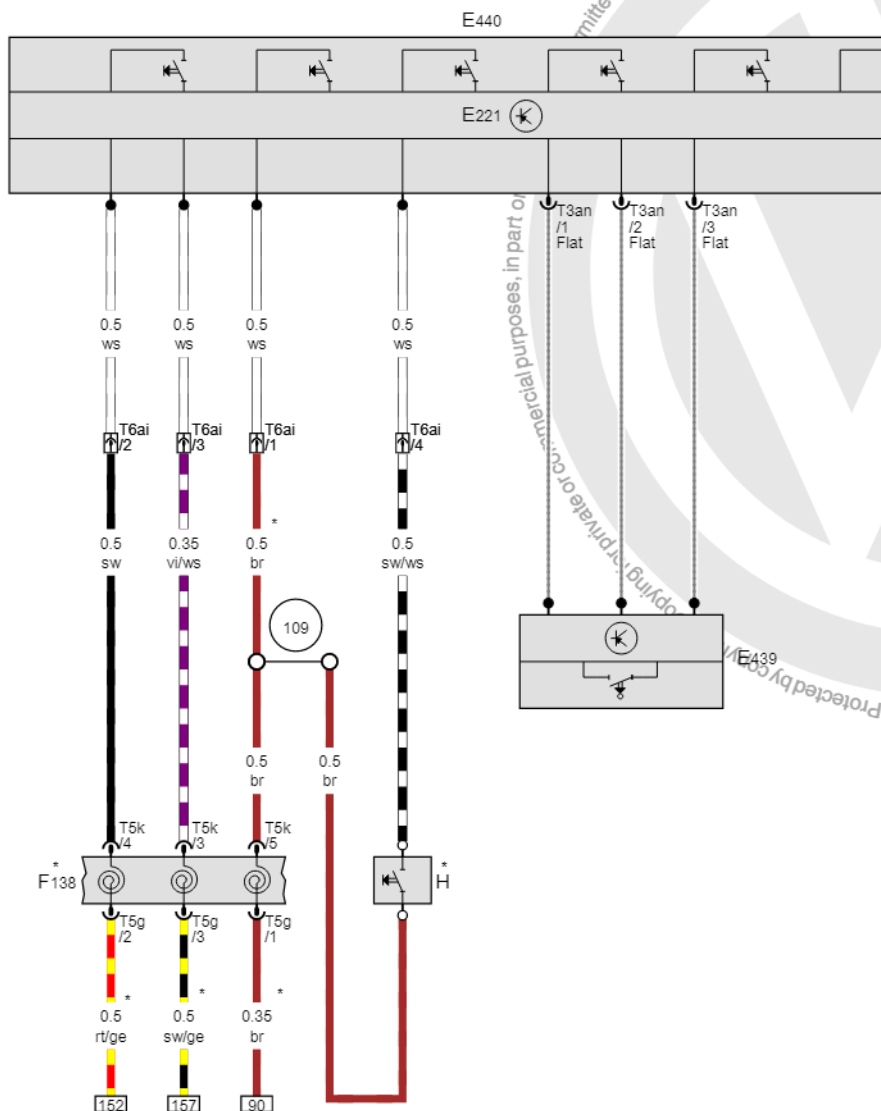


Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector

109 Earth connection, in airbag wiring harness

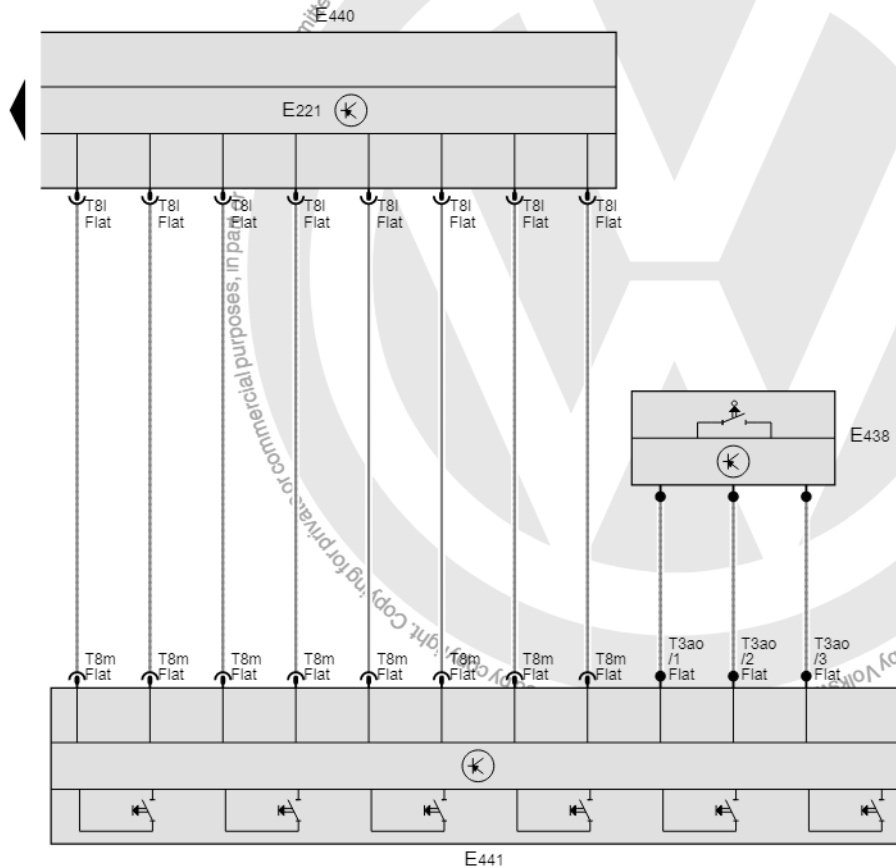
\* Only models with operating unit for radio



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

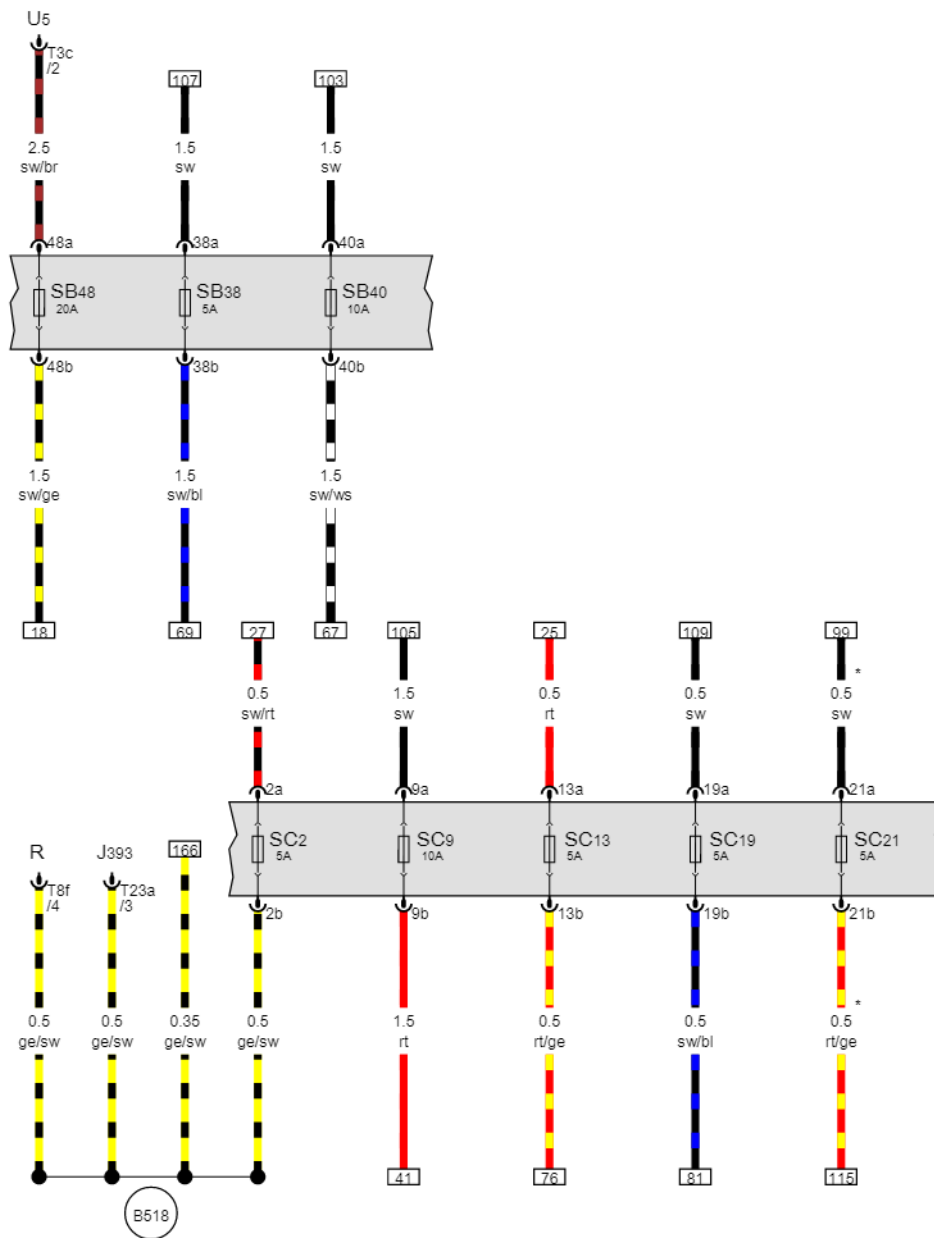


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 2 on fuse holder C, Fuse 9 on fuse holder C, Fuse 13 on fuse holder C, Fuse 19 on fuse holder C, Fuse 21 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 48 on fuse holder B

- J393 Convenience system central control unit
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T3c 3-pin connector
- T8f 8-pin connector
- T23a 23-pin connector
- U5 12 V socket

- B518 Connection (86s), in main wiring harness
- \* Only models with operating unit for radio



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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

141 142 143 144 145 146 147 148 149 150 151 152 153 154

1577-008120512

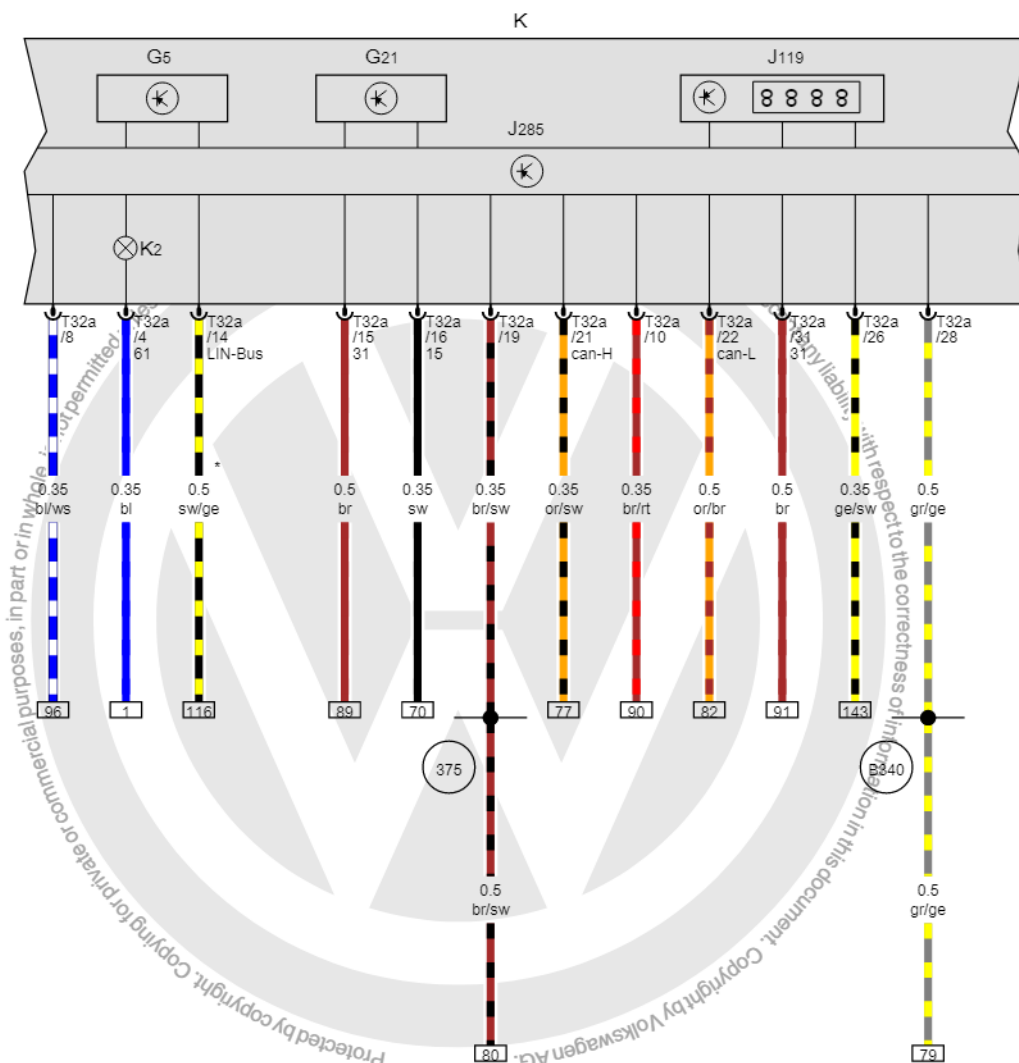
Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

375 Earth connection 10, in main wiring harness

B340 Connection 1 (58d), in main wiring harness

\* Only models with operating unit for radio



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

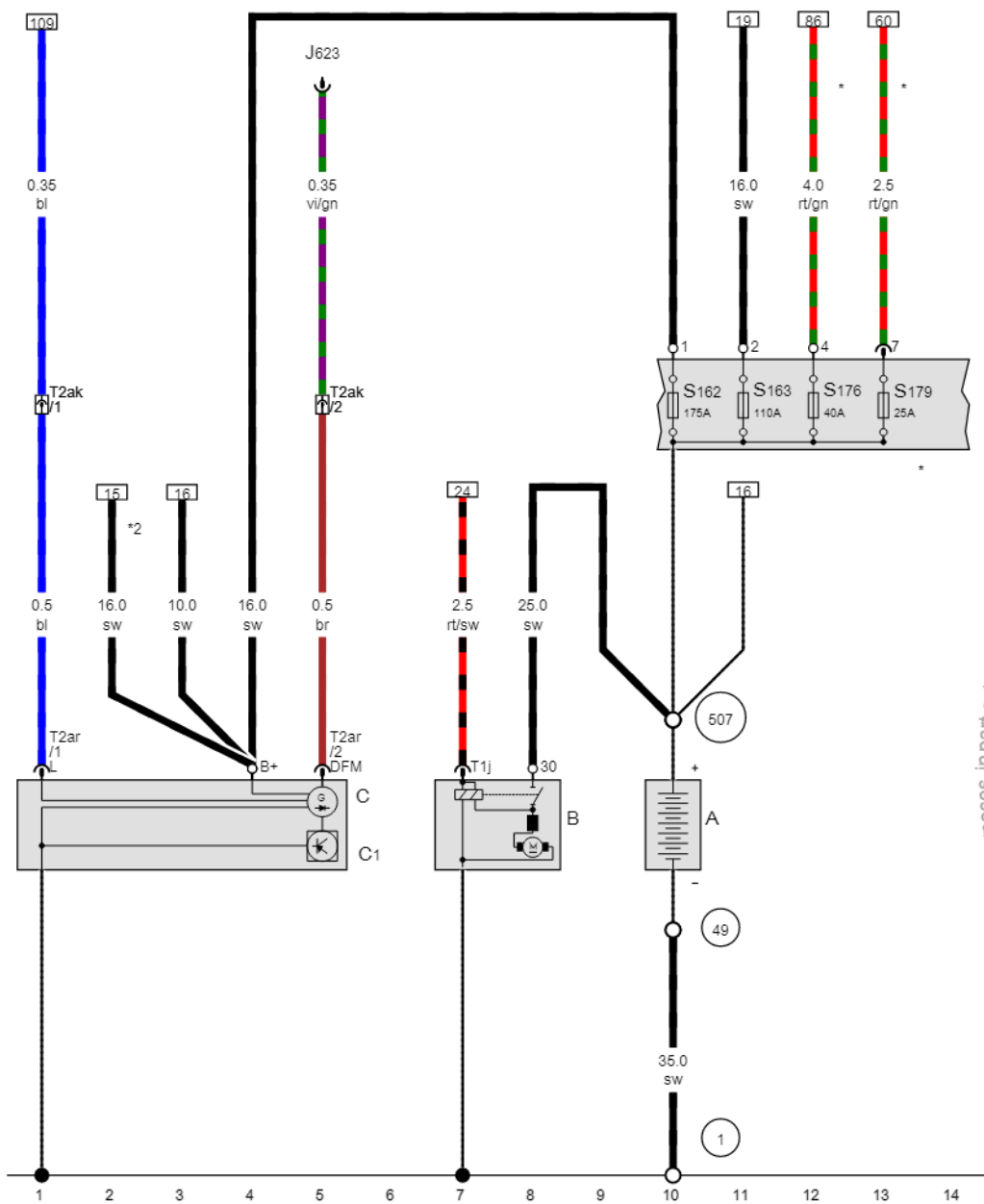
## Anti-lock brake system (ABS)

From January 2011





Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S176 Fuse 4 (30), in battery fuse holder
- S179 Fuse 7 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ... near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Up to February 2011
- \*2 Only models with 110A alternator

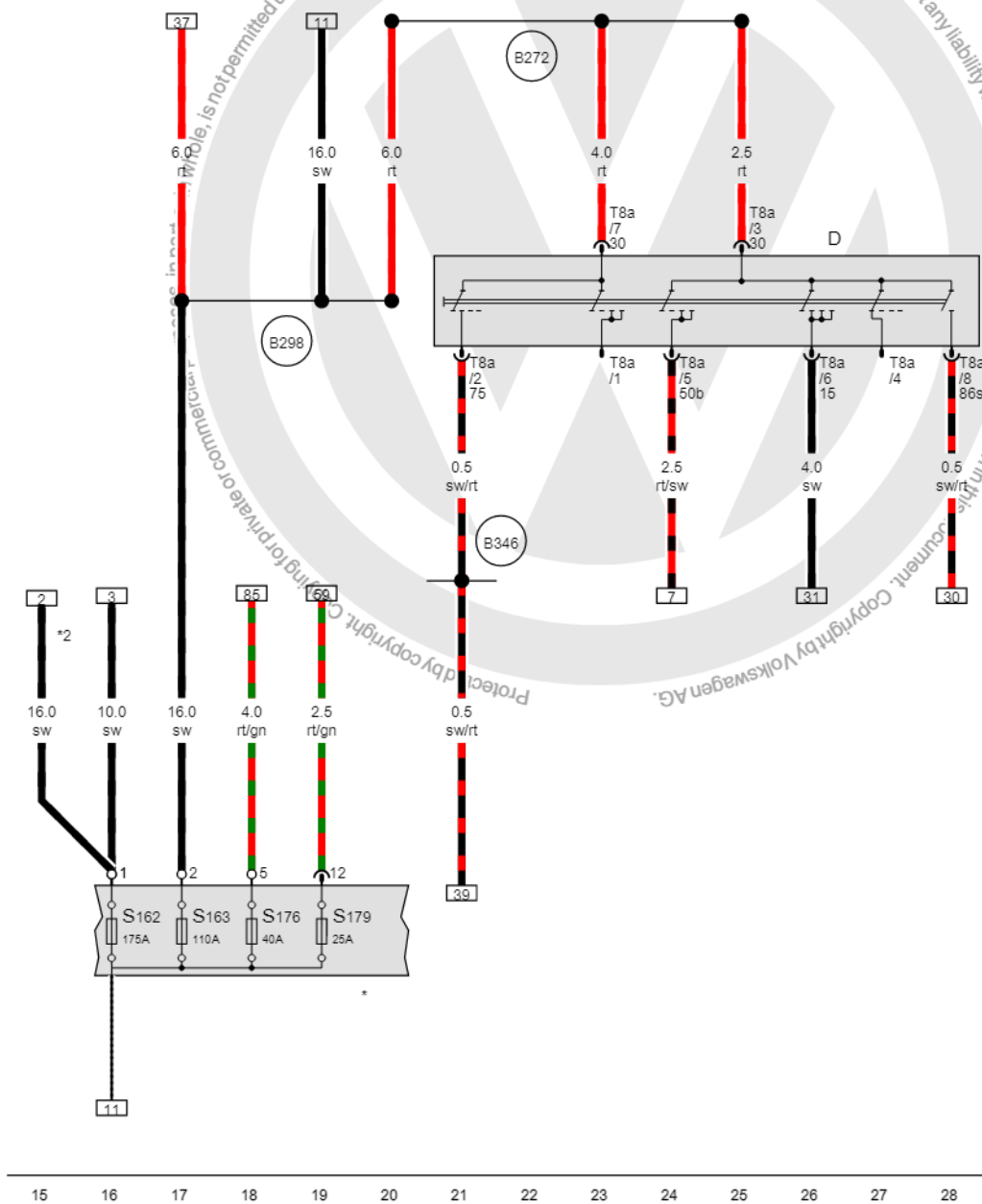
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Ignition/starter switch

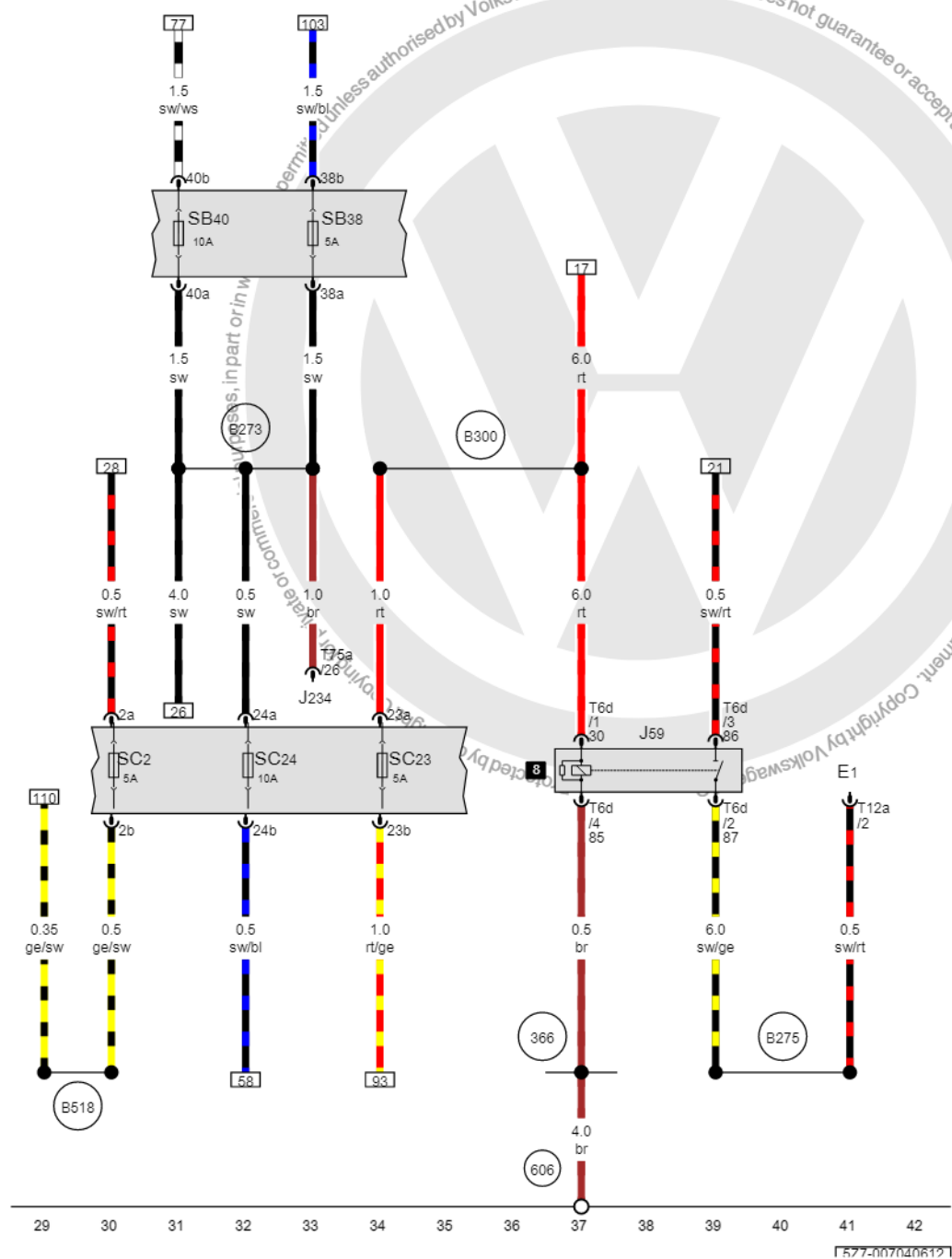
- D Ignition/starter switch
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S176 Fuse 4 (30), in battery fuse holder
- S179 Fuse 7 (30), in battery fuse holder
- T8a 8-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

- \* From February 2011
- \*2 Only models with 110A alternator



- ws = white
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X-contact relief relay, Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

- |      |   |
|------|---|
| E1   | Light switch  |
| J59  | X-contact relief relay                                |
| J234 | Airbag control unit                                   |
| SC2  | Fuse 2 on fuse holder C                               |
| SC23 | Fuse 23 on fuse holder C                              |
| SC24 | Fuse 24 on fuse holder C                              |
| SB38 | Fuse 38 on fuse holder B                              |
| SB40 | Fuse 40 on fuse holder B                              |
| T6d  | 6-pin connector                                       |
| T12a | 12-pin connector                                      |
| T75a | 75-pin connector                                      |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B273 | Positive connection (15), in main wiring harness      |
| B275 | Positive connection (87), in main wiring harness      |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B518 | Connection (86s), in main wiring harness              |

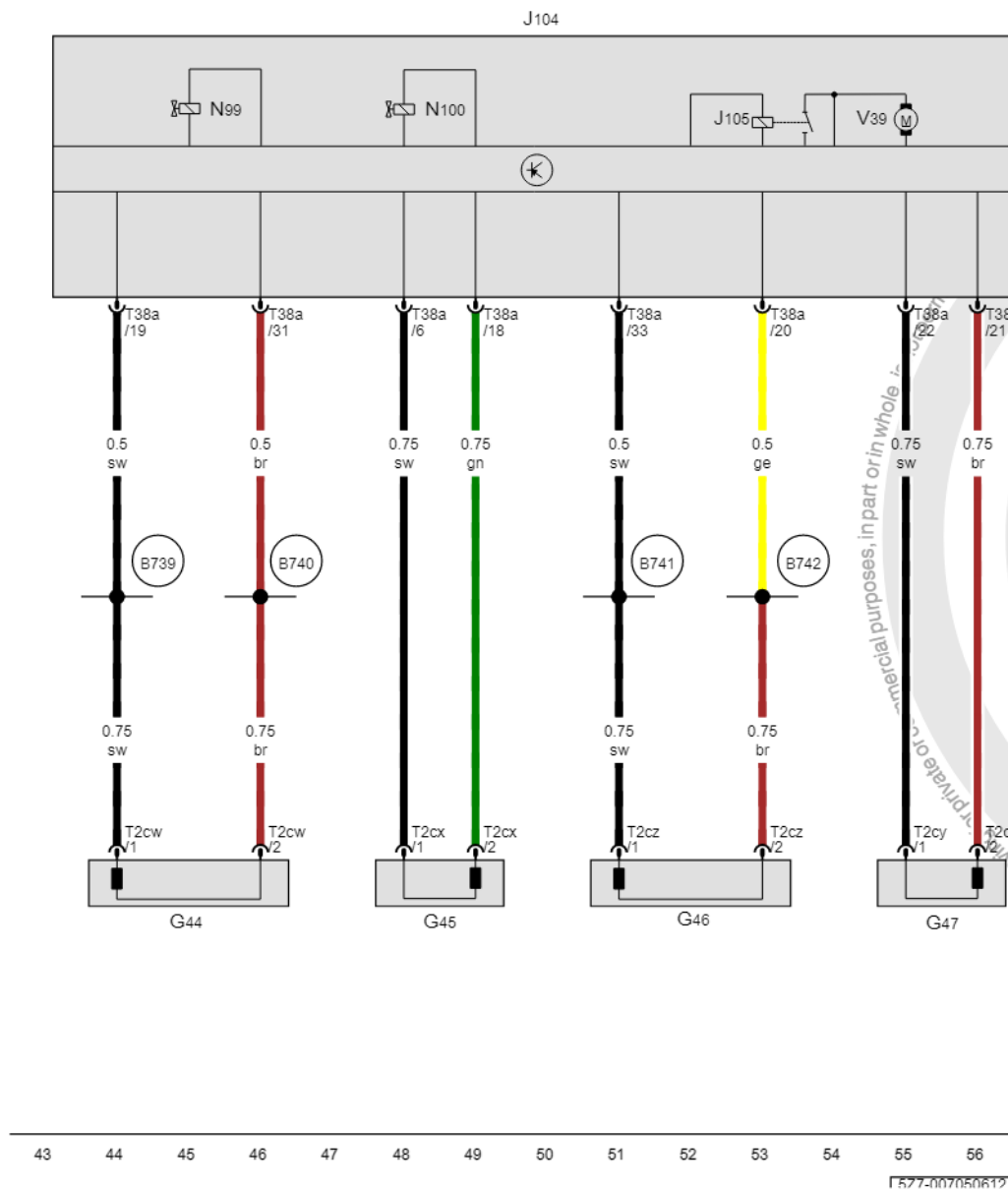
- ws = white  
sw = black  
ro = red  
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gn = green  
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gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, ABS return flow pump relay, Front right ABS inlet valve, Front right ABS outlet valve, ABS return flow pump

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- J105 ABS return flow pump relay
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2cw 2-pin connector
- T2cx 2-pin connector
- T2cy 2-pin connector
- T2cz 2-pin connector
- T38a 38-pin connector
- V39 ABS return flow pump

- (B739) Connection (rear right speed sensor +), in main wiring harness
- (B740) Connection (rear right speed sensor -), in main wiring harness
- (B741) Connection (rear left speed sensor +), in main wiring harness
- (B742) Connection (rear left speed sensor -), in main wiring harness

- ws = white
- sw = black
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
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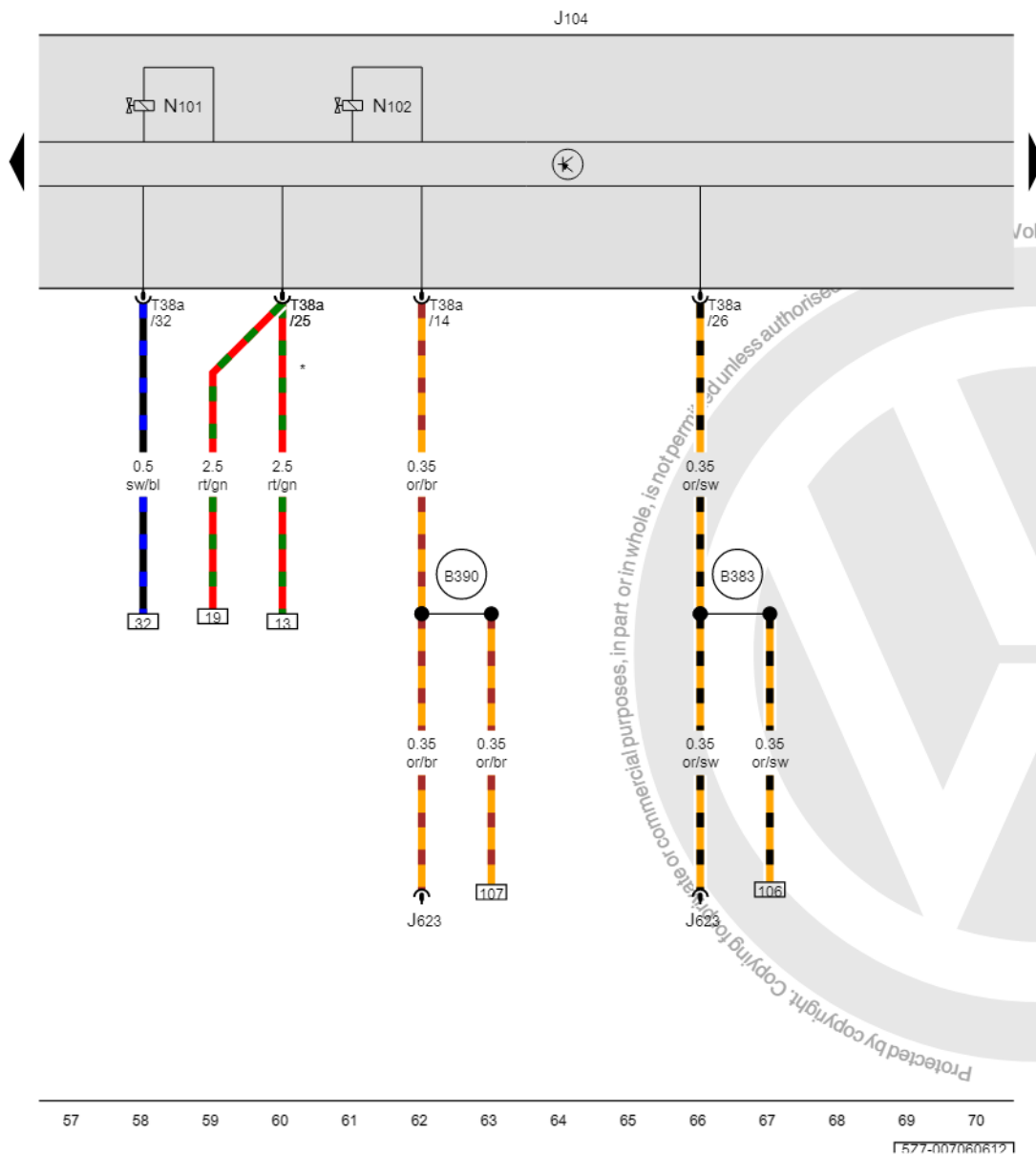
ABS control unit, Front left ABS inlet valve, Front left ABS outlet valve

J104 ABS control unit  
J623 Engine control unit  
N101 Front left ABS inlet valve  
N102 Front left ABS outlet valve  
T38a 38-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

\* Up to February 2011



ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
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Brake light switch, Brake pedal switch, ABS control unit, ABS solenoid valve relay, Rear right ABS inlet valve, Rear left ABS inlet valve

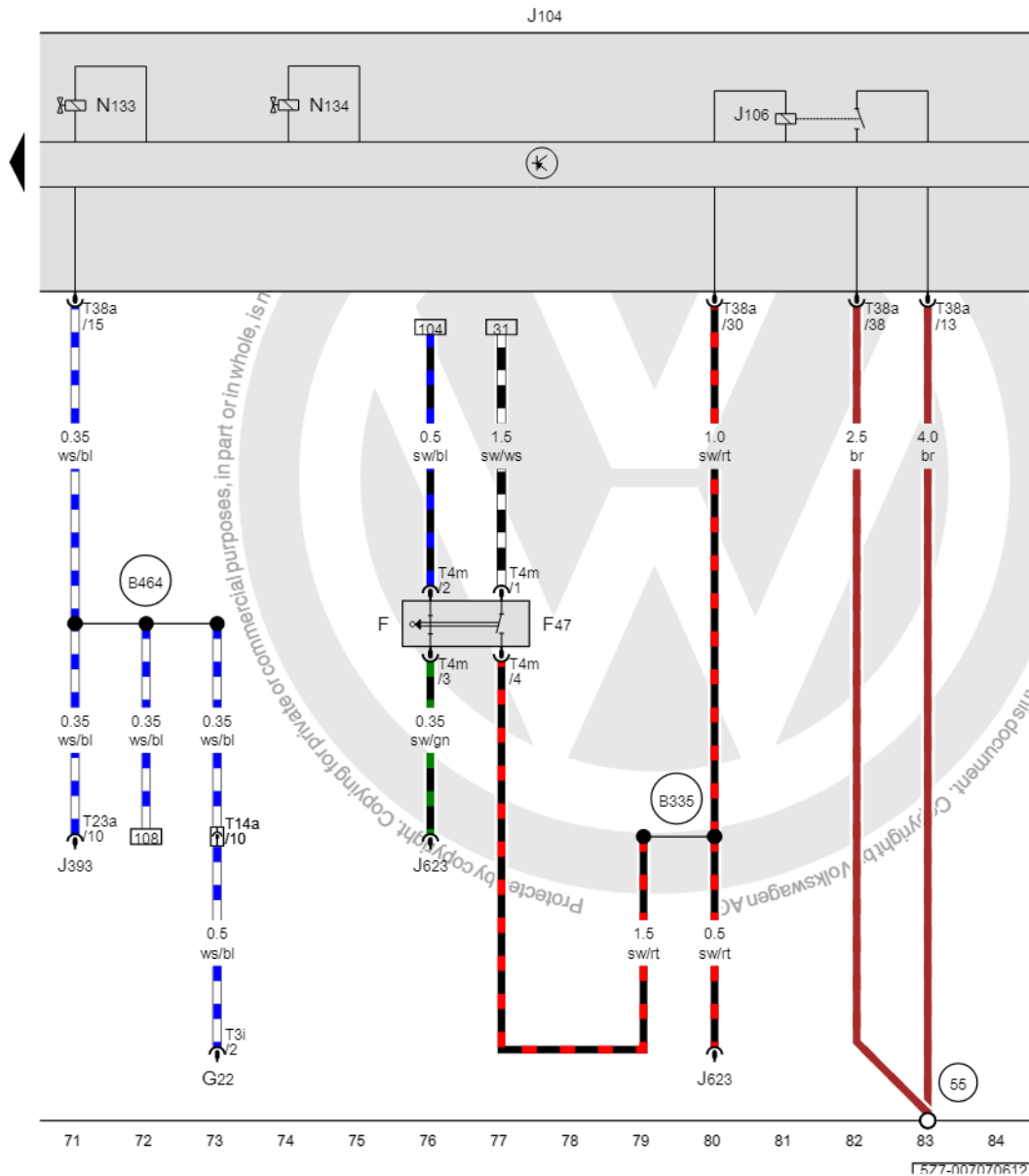
- F Brake light switch
- F47 Brake pedal switch
- G22 Speedometer sender
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J393 Convenience system central control unit
- J623 Engine control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T3i 3-pin connector
- T4m 4-pin connector
- T14a 14-pin connector
- T23a 23-pin connector
- T38a 38-pin connector

55 Earth point, next to ABS control unit

B335 Connection 1 (54), in main wiring harness

B464 Connection (speed signal), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



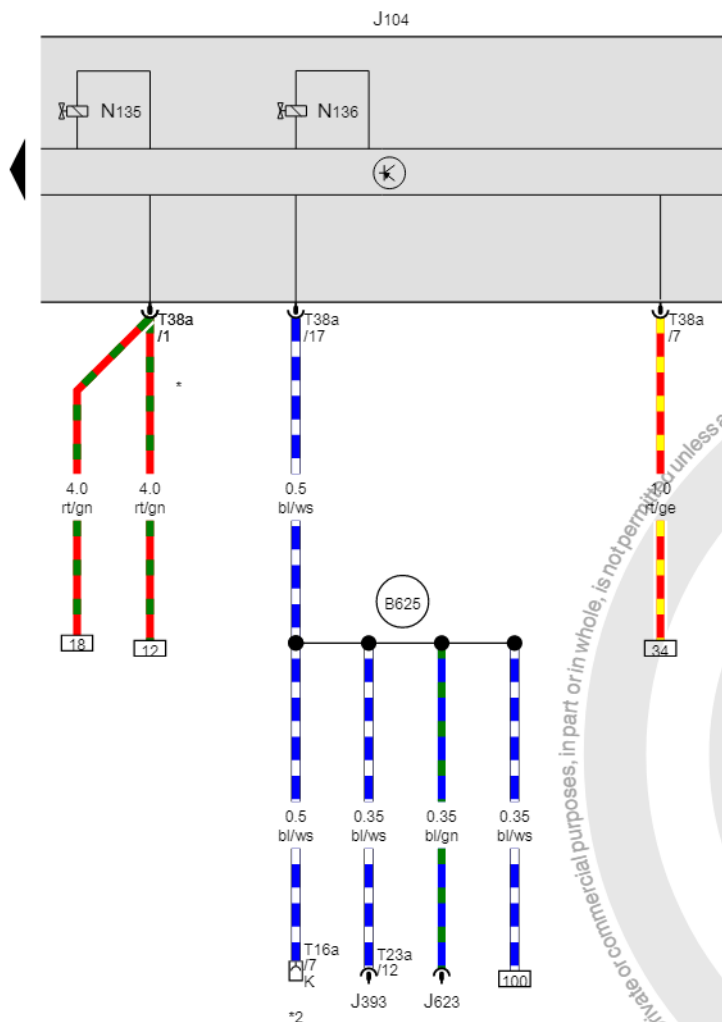
ABS control unit, Rear right ABS outlet valve, Rear left ABS outlet valve

- J104 ABS control unit
- J393 Convenience system central control unit
- J623 Engine control unit
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T16a 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector

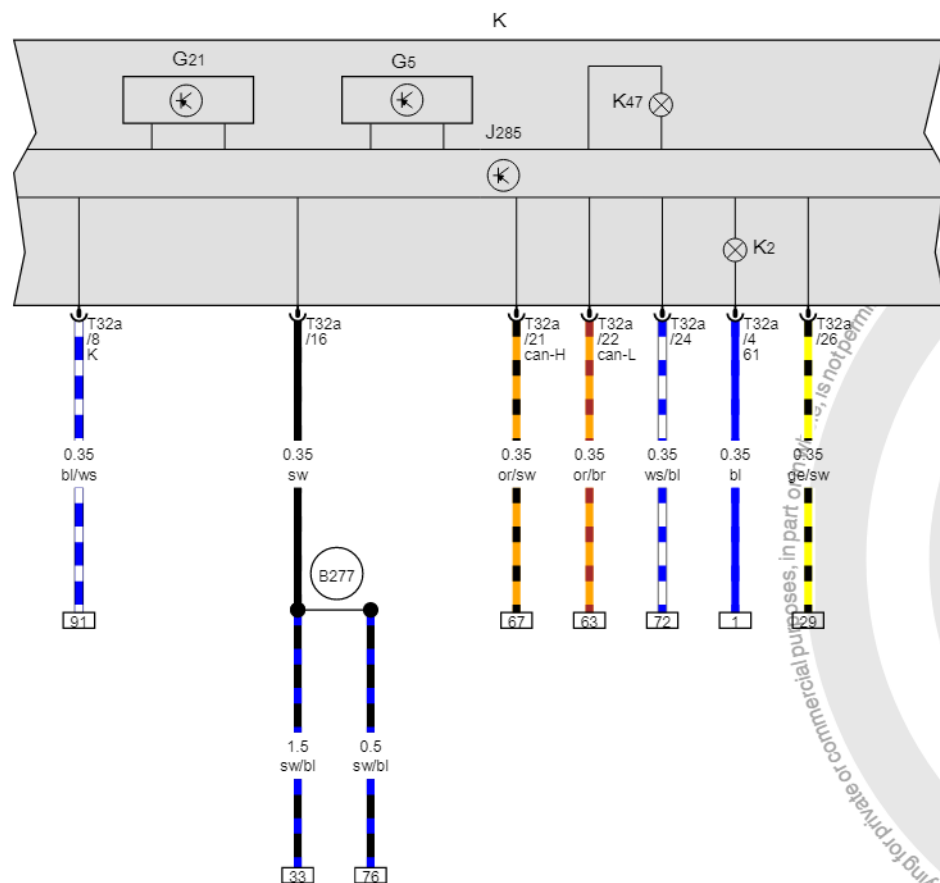
B625 Connection (K-diagnosis wire), in main wiring harness

\* Up to February 2011

\*2 Diagnostic connection



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
- rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, ABS warning lamp

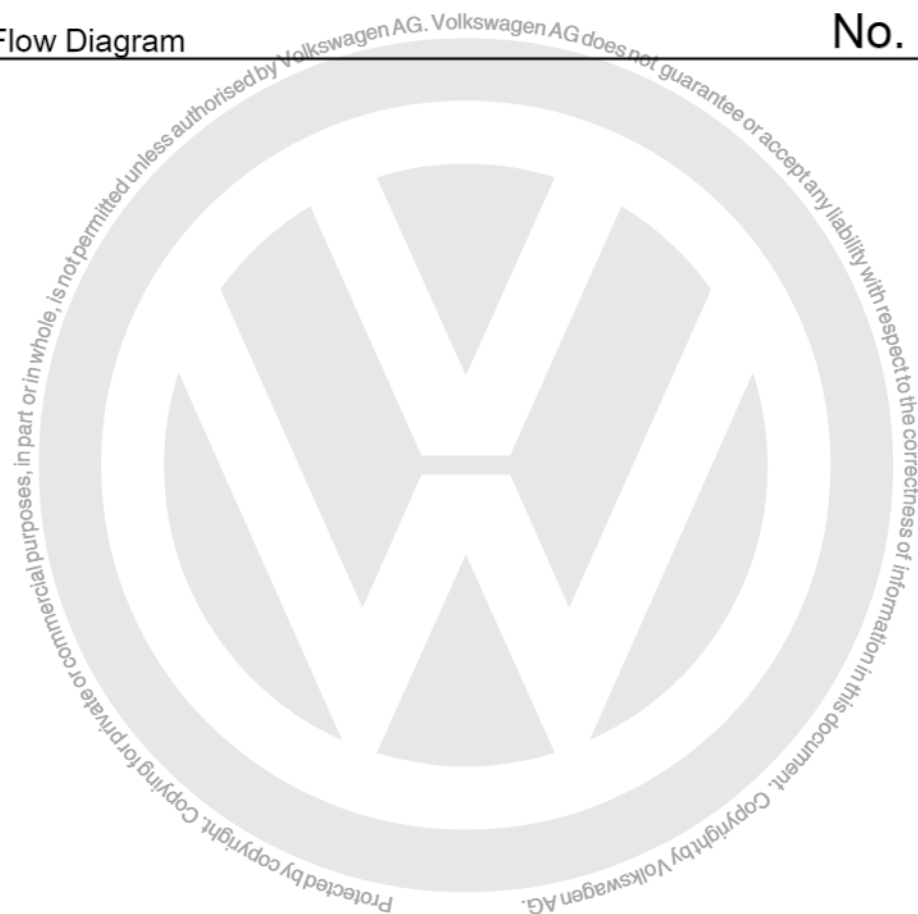
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K47 ABS warning lamp
- T32a 32-pin connector
- B277 Positive connection 1 (15a) in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
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 gn = green  
 bl = blue  
 gr = grey  
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 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



## Basic equipment

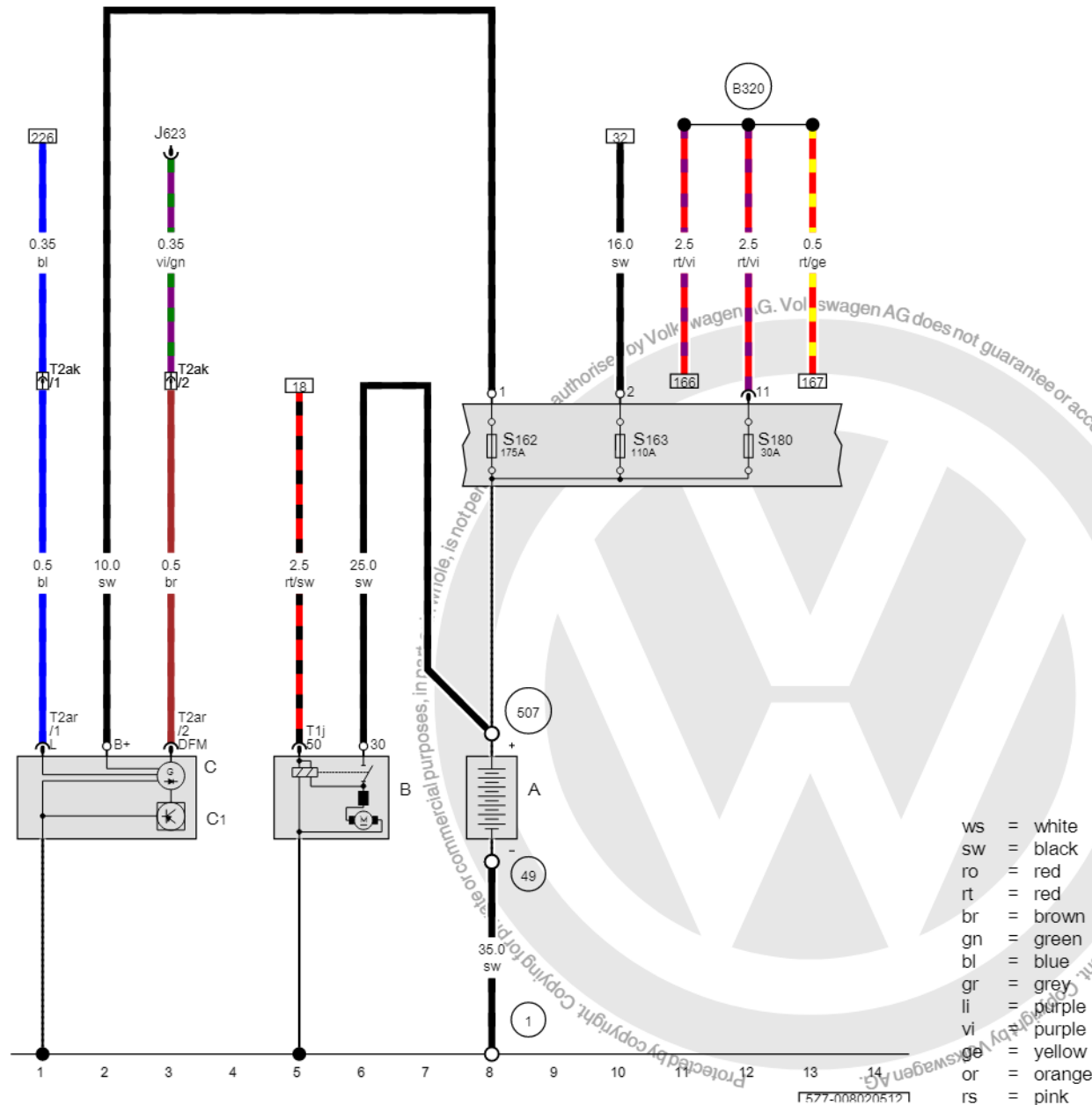
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- T1ay Single connector
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B320 Positive connection 6 (30a) in main wiring harness

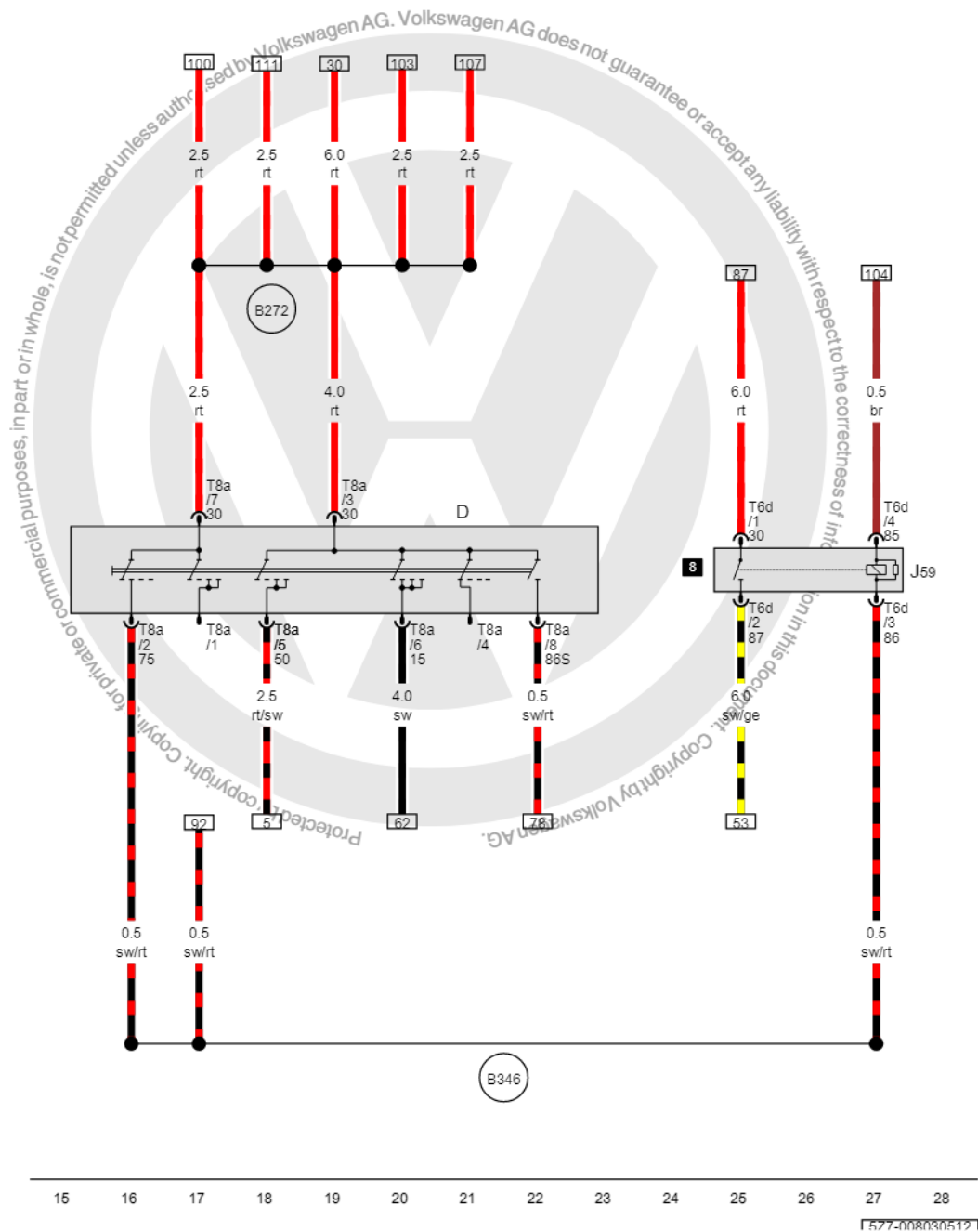


Ignition/starter switch, X-contact relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
T6d 6-pin connector  
T8a 8-pin connector

B272 Positive connection (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

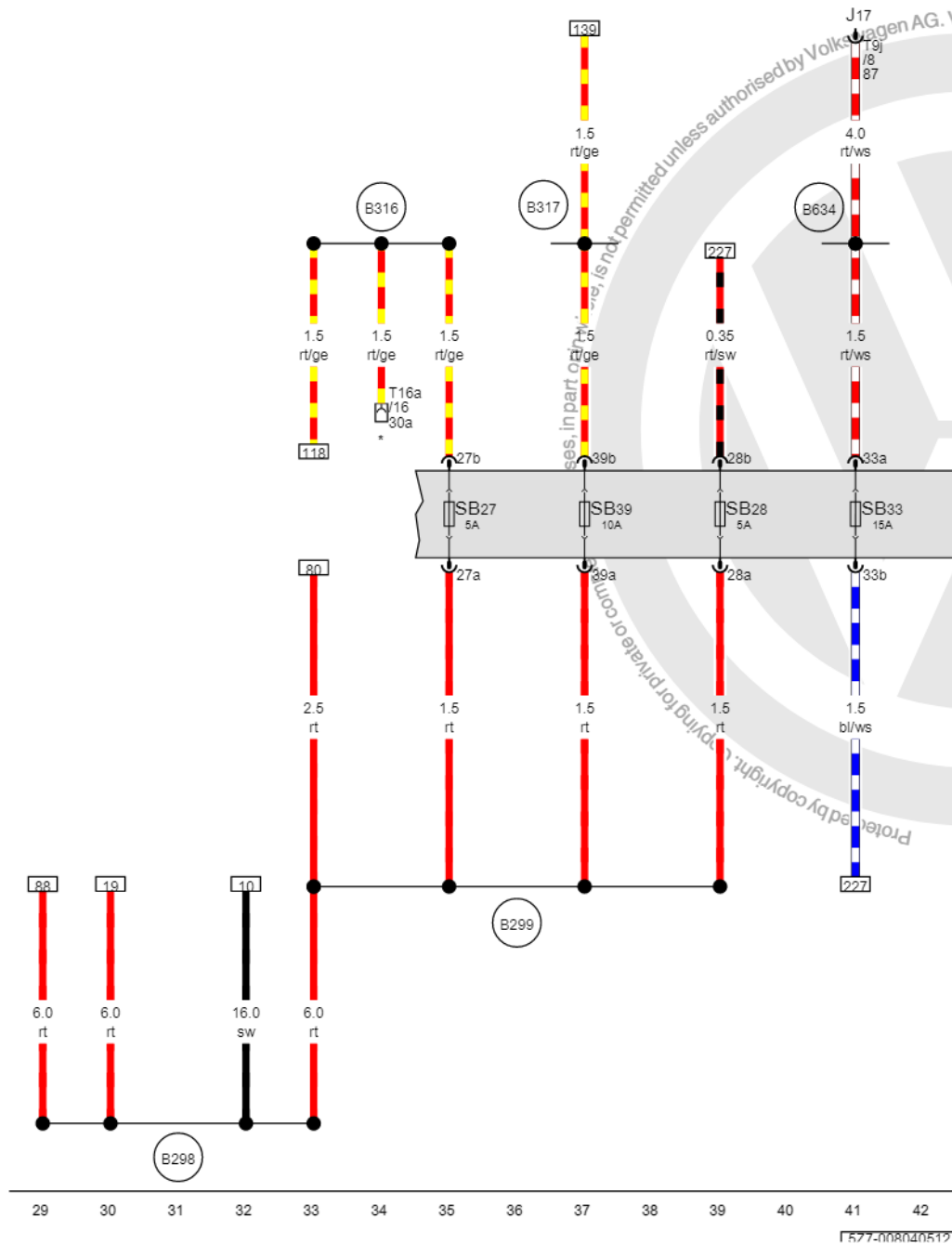


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 39 on fuse holder B

J17 Fuel pump relay  
SB27 Fuse 27 on fuse holder B  
SB28 Fuse 28 on fuse holder B  
SB33 Fuse 33 on fuse holder B  
SB39 Fuse 39 on fuse holder B  
T9j 9-pin connector  
T16a 16-pin connector

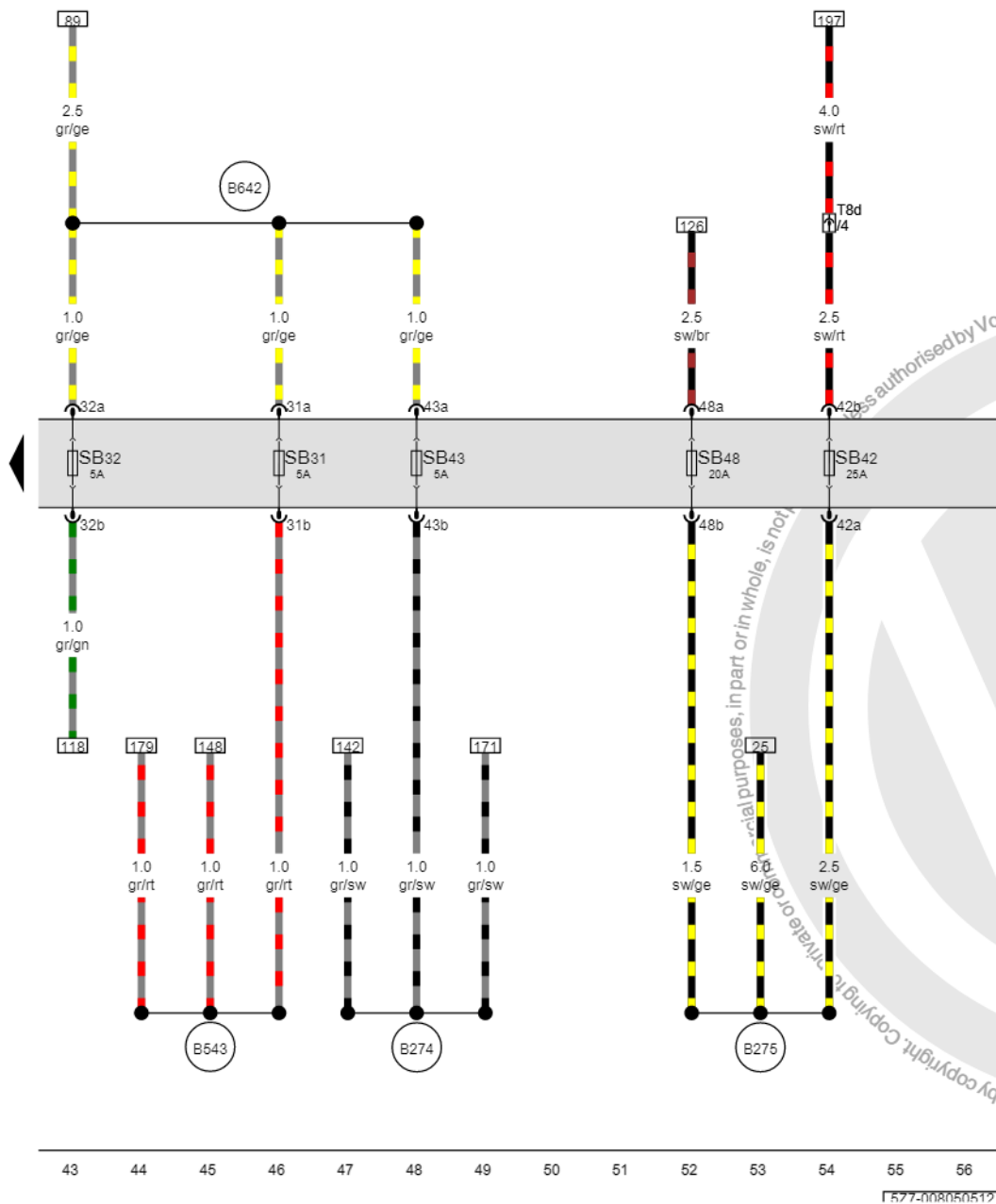
B298 Positive connection 2 (30), in main wiring harness  
B299 Positive connection 3 (30), in main wiring harness  
B316 Positive connection 2 (30a) in main wiring harness  
B317 Positive connection 3 (30a) in main wiring harness  
B634 Positive connection 2 (87), in main wiring harness  
\* Diagnostic connection



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

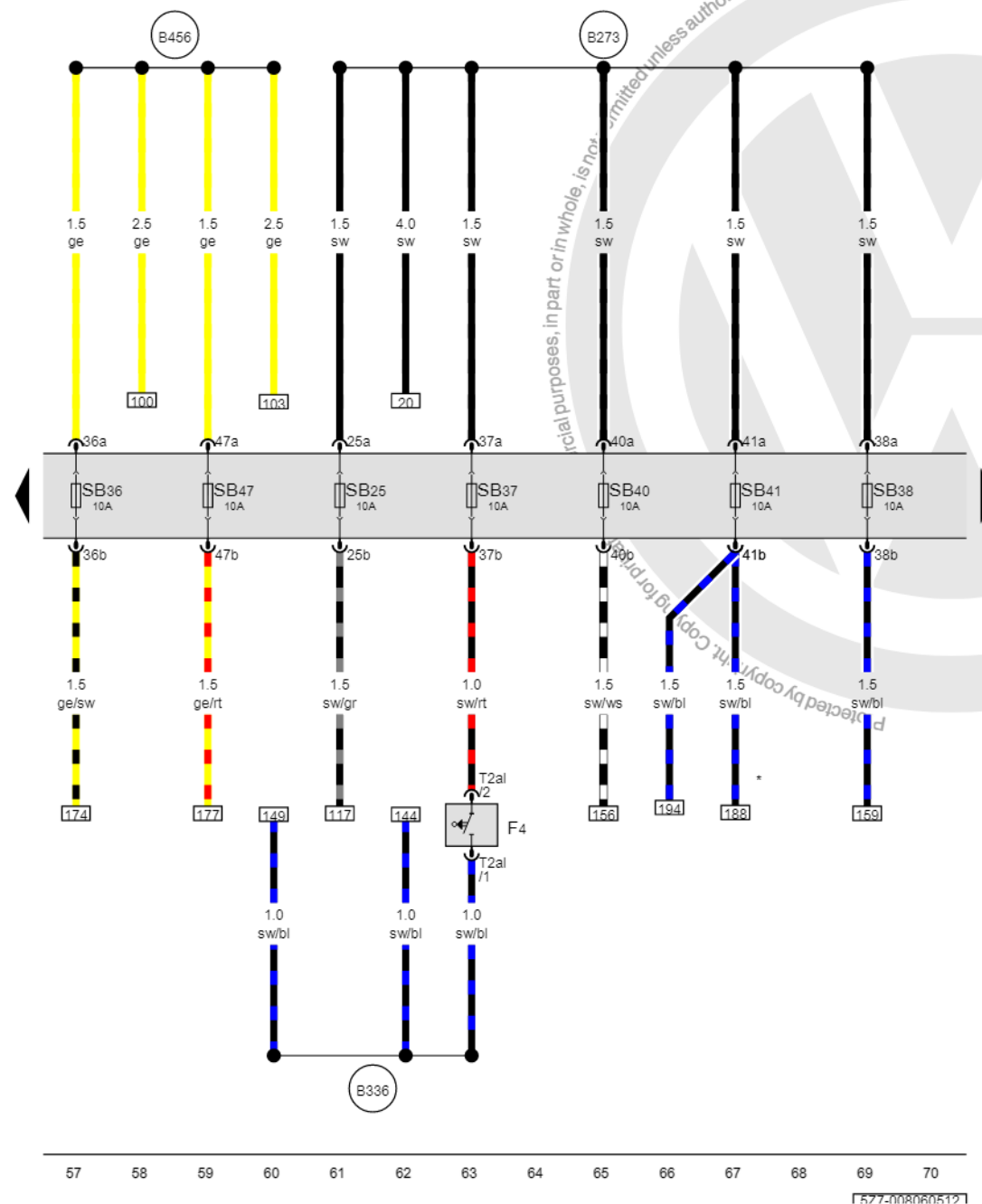
Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 42 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T8d 8-pin connector, behind dash panel, centre
- B274 Positive connection (58L), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B642 Positive connection (58), in main wiring harness



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56  
 1577-008050512



### Reversing light switch

- F4 Reversing light switch
- SB25 Fuse 25 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector

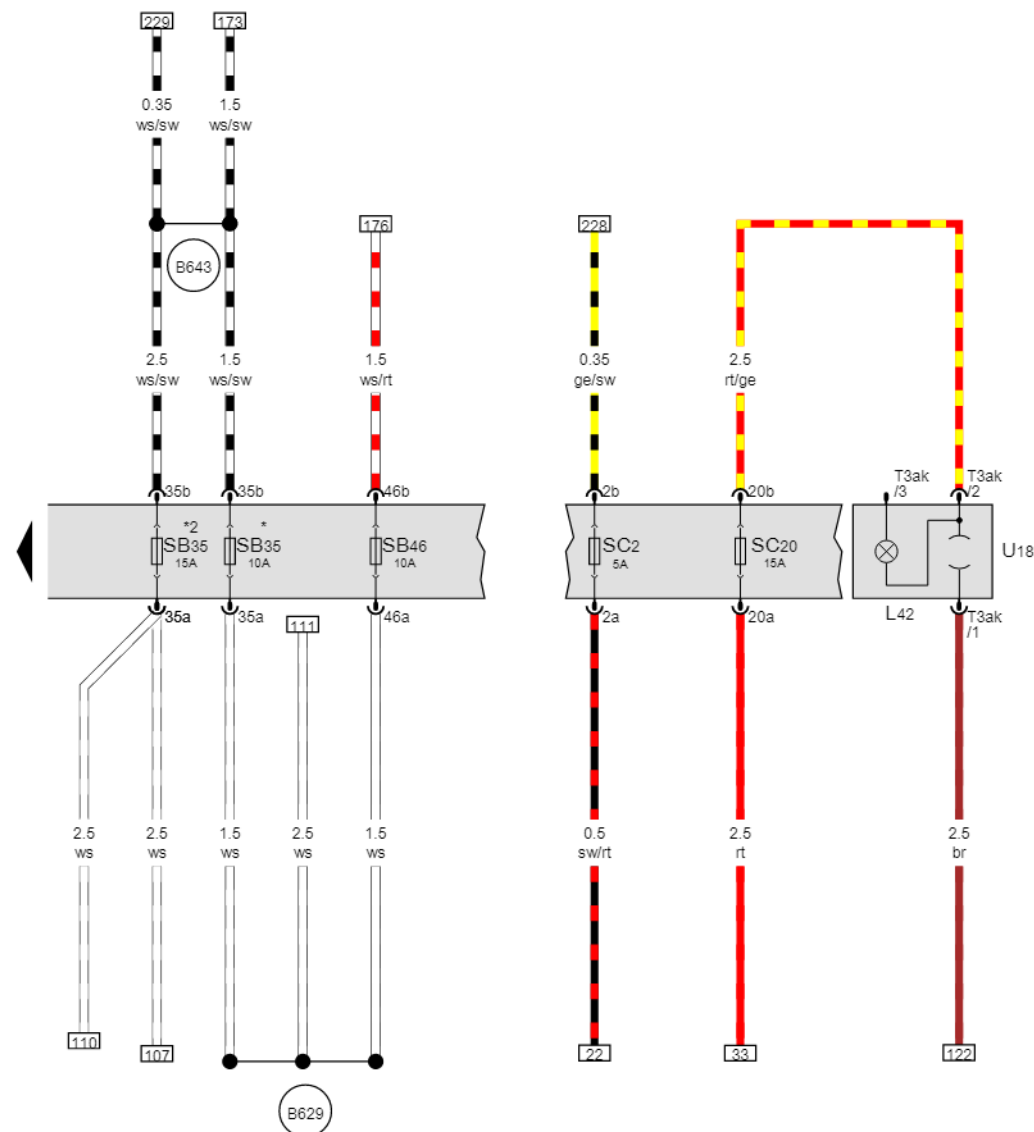
B273 Positive connection (15), in main wiring harness

B336 Connection 2 (54), in main wiring harness

B456 Connection (56b), in main wiring harness

\* Only models with multifunction steering wheel or driver and front passenger airbags

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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Socket illumination bulb, 12 V socket 2

- L42 Socket illumination bulb
- SC2 Fuse 2 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB35 Fuse 35 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- T3ak 3-pin connector
- U18 12 V socket 2

B629 Connection (56a), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

\* Up to May 2011  
\*2 From May 2011

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

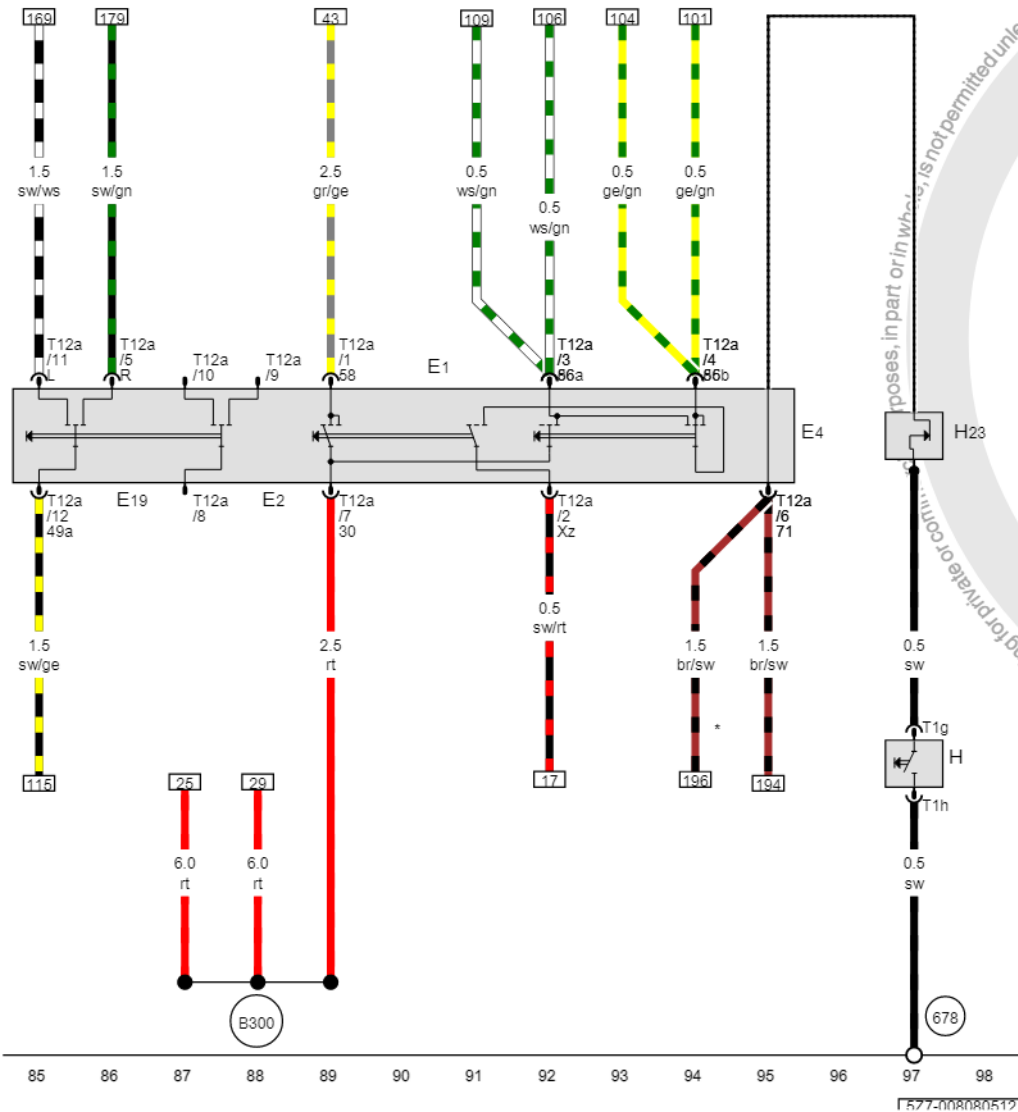
Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H23 Horn activation contact ring
- T1g Single connector
- T1h Single connector
- T12a 12-pin connector

678 Earth point, on steering wheel

B300 Positive connection 4 (30), in main wiring harness

\* Only models with multifunction steering wheel or driver and front passenger airbags



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- vi = purple
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- or = orange
- rs = pink



Headlight main beam relay, Dipped beam relay

J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

T9b 9-pin connector

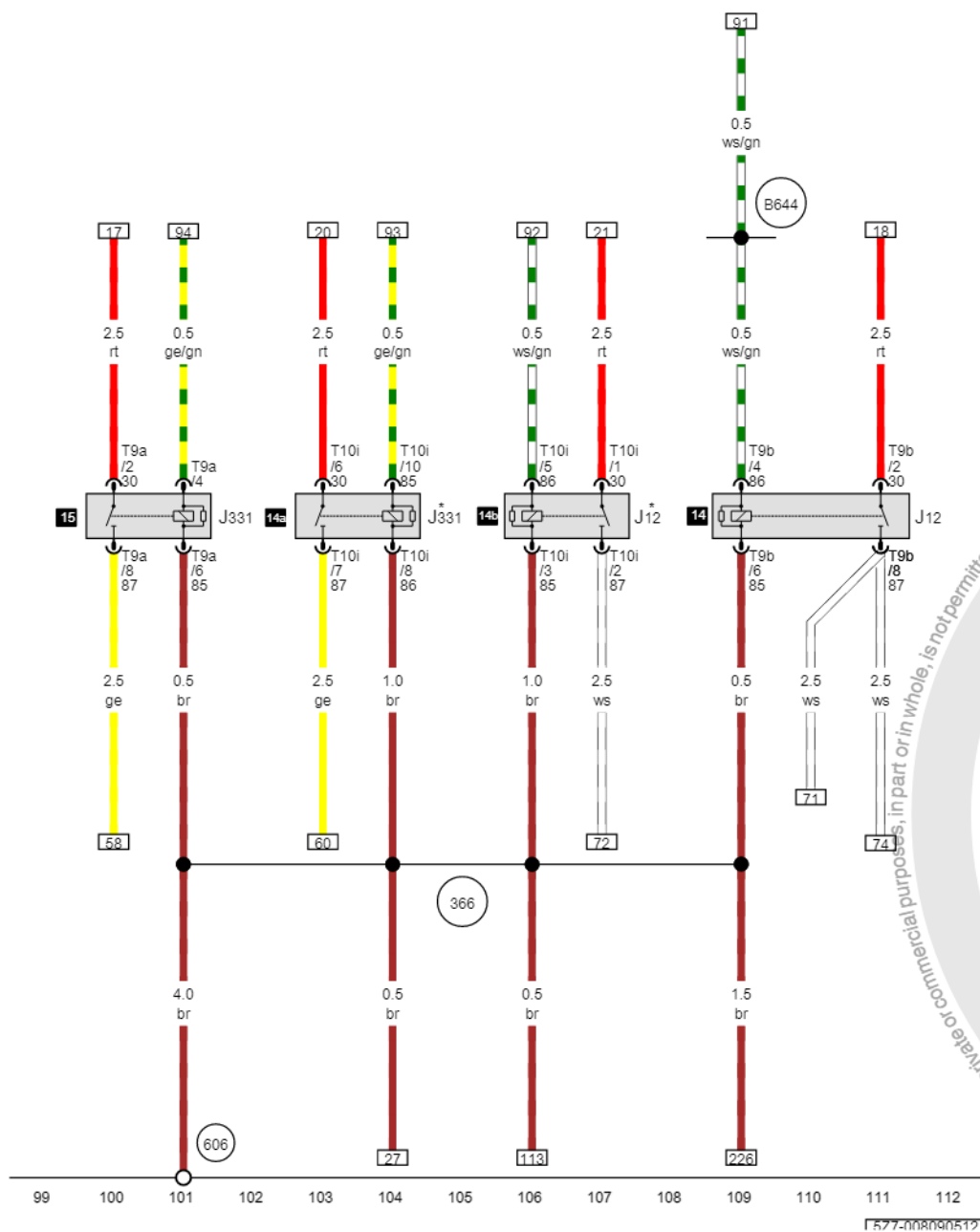
T10i 10-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

\* From October 2011

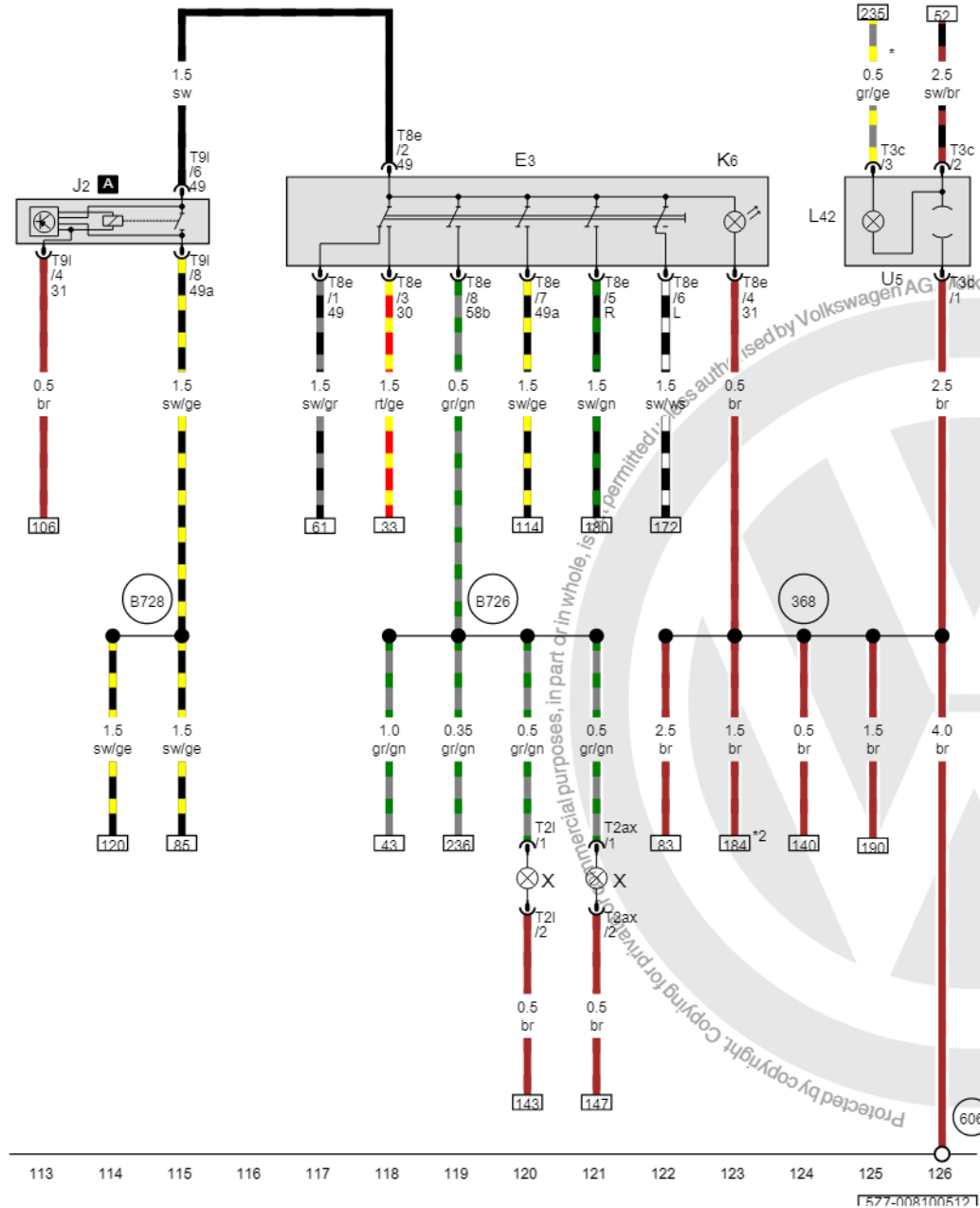


Hazard warning light switch, Hazard warning light relay, Indicator lamp for hazard warning light, Socket illumination bulb, 12 V socket, Number plate light

- E3 Hazard warning light switch
- J2 Hazard warning light relay
- K6 Indicator lamp for hazard warning light
- L42 Socket illumination bulb
- T2ax 2-pin connector
- T2l 2-pin connector
- T3c 3-pin connector
- T8e 8-pin connector
- T9l 9-pin connector
- U5 12 V socket
- X Number plate light

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B726 Positive connection 2 (58), in main wiring harness
- B728 Connection (49a), in main wiring harness
- \* Only smoker version models
- \*2 Only models with multifunction steering wheel or driver and front passenger airbags

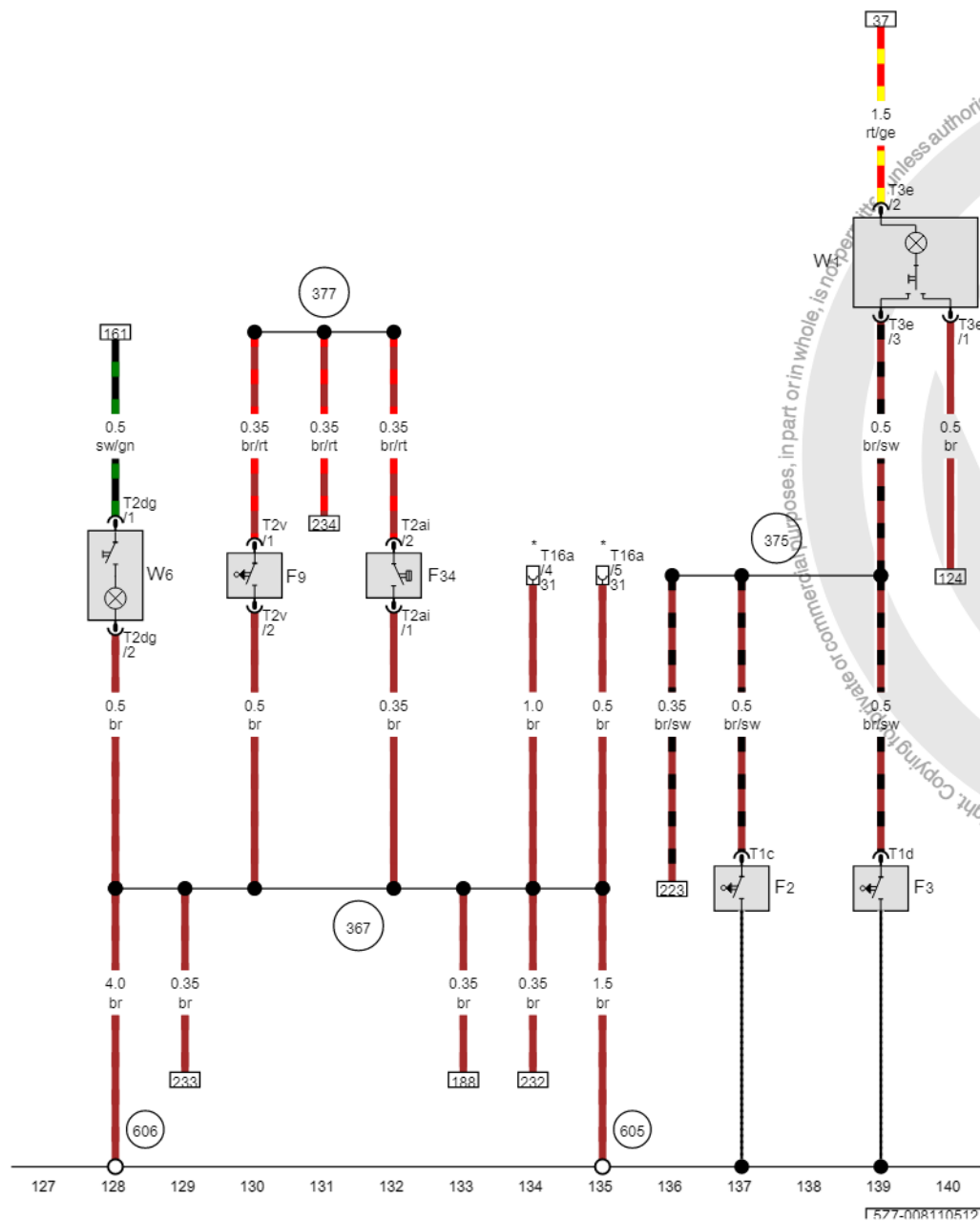
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vr = purple
- ge = yellow
- or = orange
- rs = pink



113 114 115 116 117 118 119 120 121 122 123 124 125 126

1577-0081005121

Driver door contact switch, Front passenger door contact switch, Handbrake warning switch, Brake fluid level warning contact, Front interior light, Glove compartment light



ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
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or = orange  
rs = pink

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- T1c Single connector
- T1d Single connector
- T2ai 2-pin connector
- T2dg 2-pin connector
- T2v 2-pin connector
- T3e 3-pin connector
- T16a 16-pin connector
- W1 Front interior light
- W6 Glove compartment light

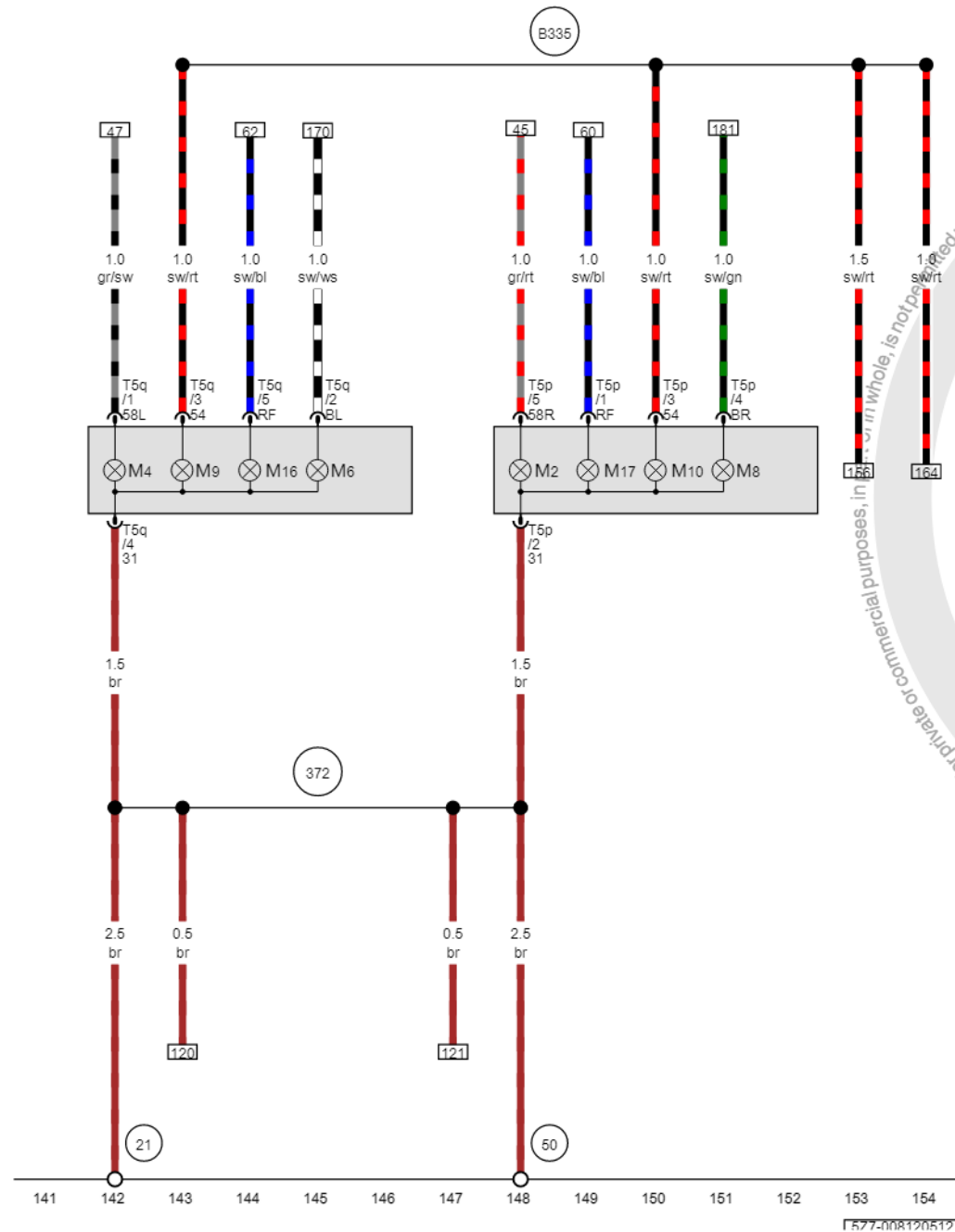
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- \* Diagnostic connection

Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness

ws = white  
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rt = red  
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gn = green  
bl = blue  
gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink



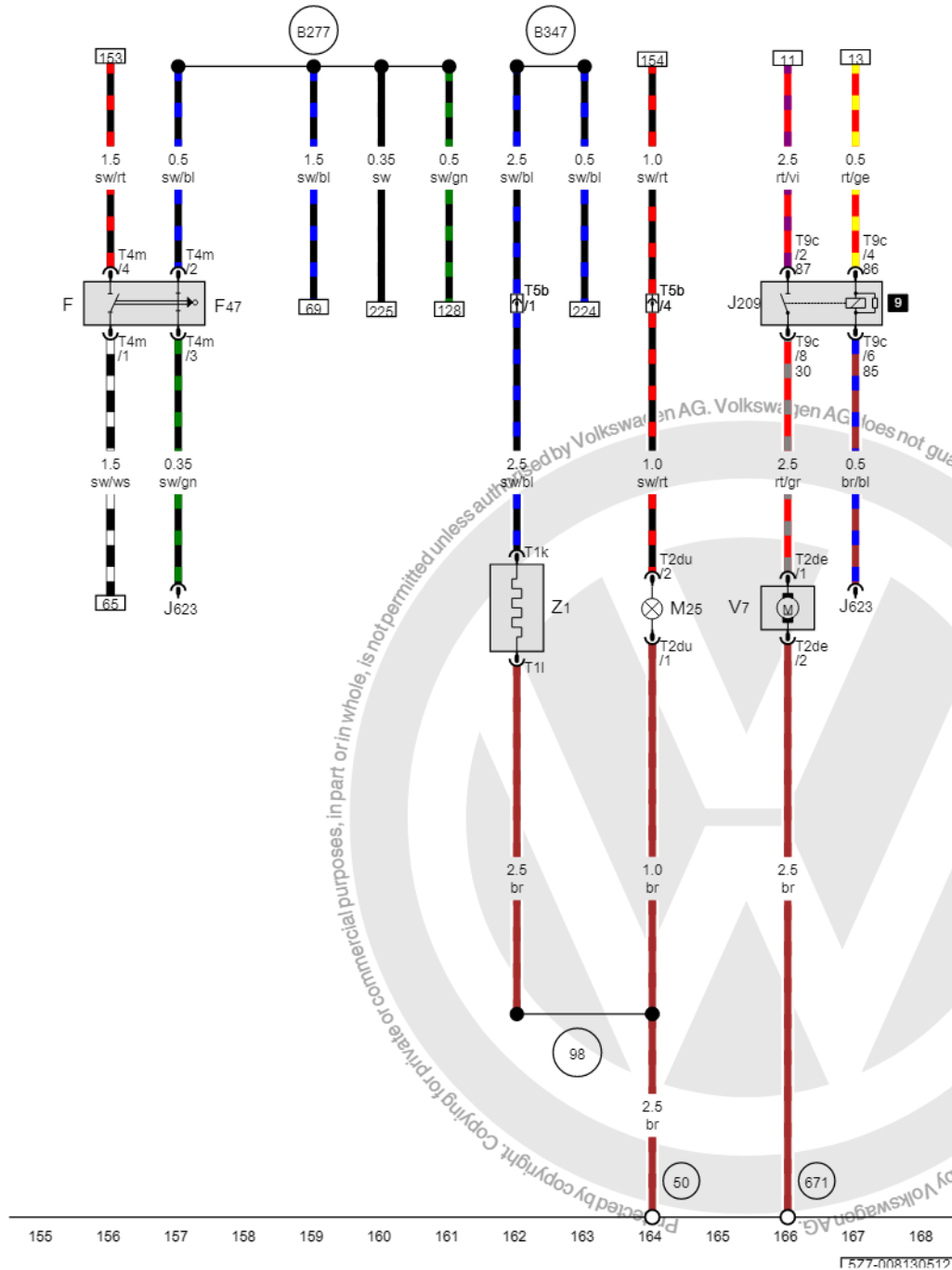
1577-008120512

Brake light switch, Brake pedal switch, Fresh air blower and radiator fan relay, Additional brake light bulb, Radiator fan, Heated rear window

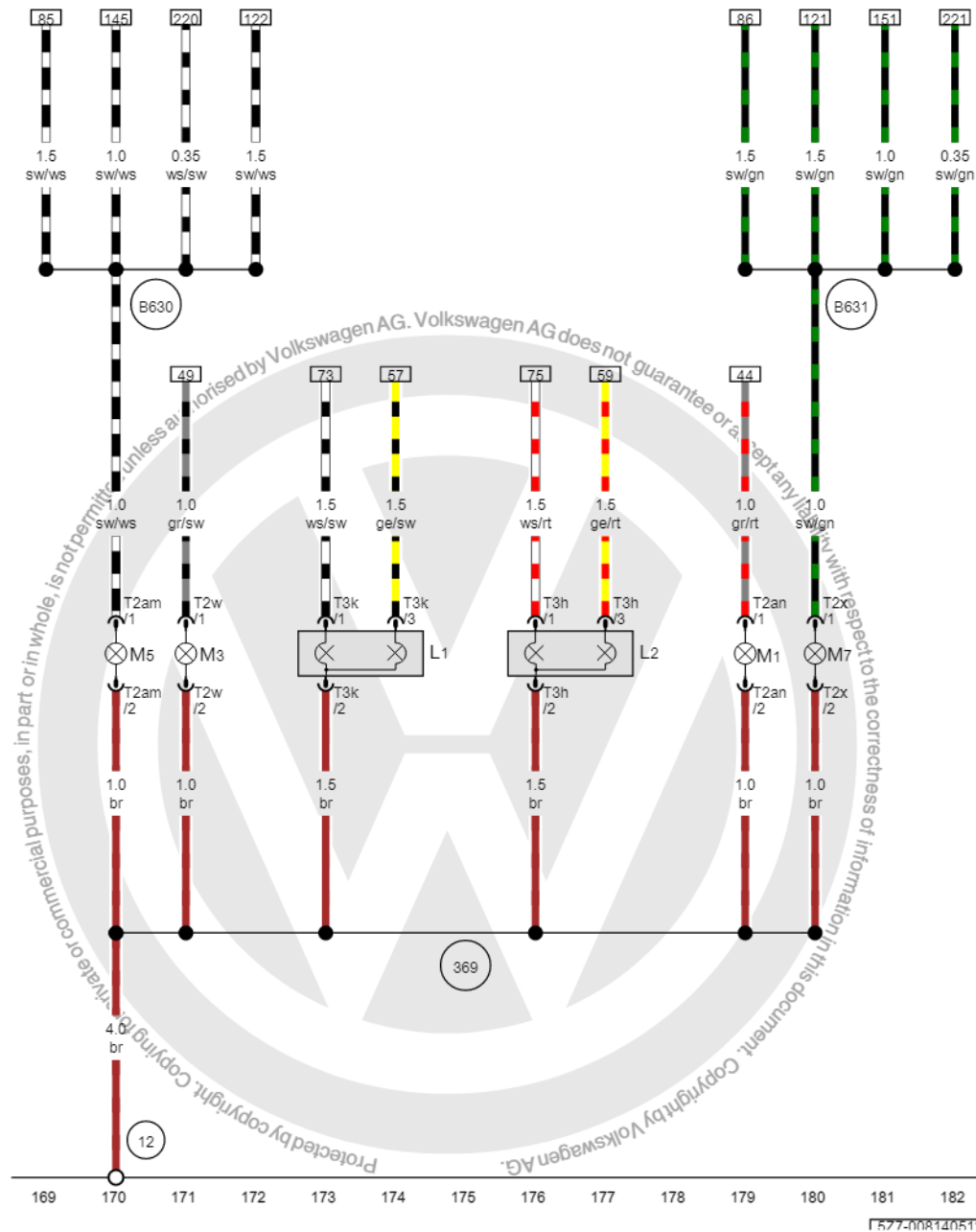
- F Brake light switch
- F47 Brake pedal switch
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- M25 Additional brake light bulb
- T1k Single connector
- T1l Single connector
- T2de 2-pin connector
- T2du 2-pin connector
- T4m 4-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T9c 9-pin connector
- V7 Radiator fan
- Z1 Heated rear window

- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B347 Connection 2 (75), in main wiring harness

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 gr = grey  
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 ge = yellow  
 or = orange  
 rs = pink



Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb



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 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

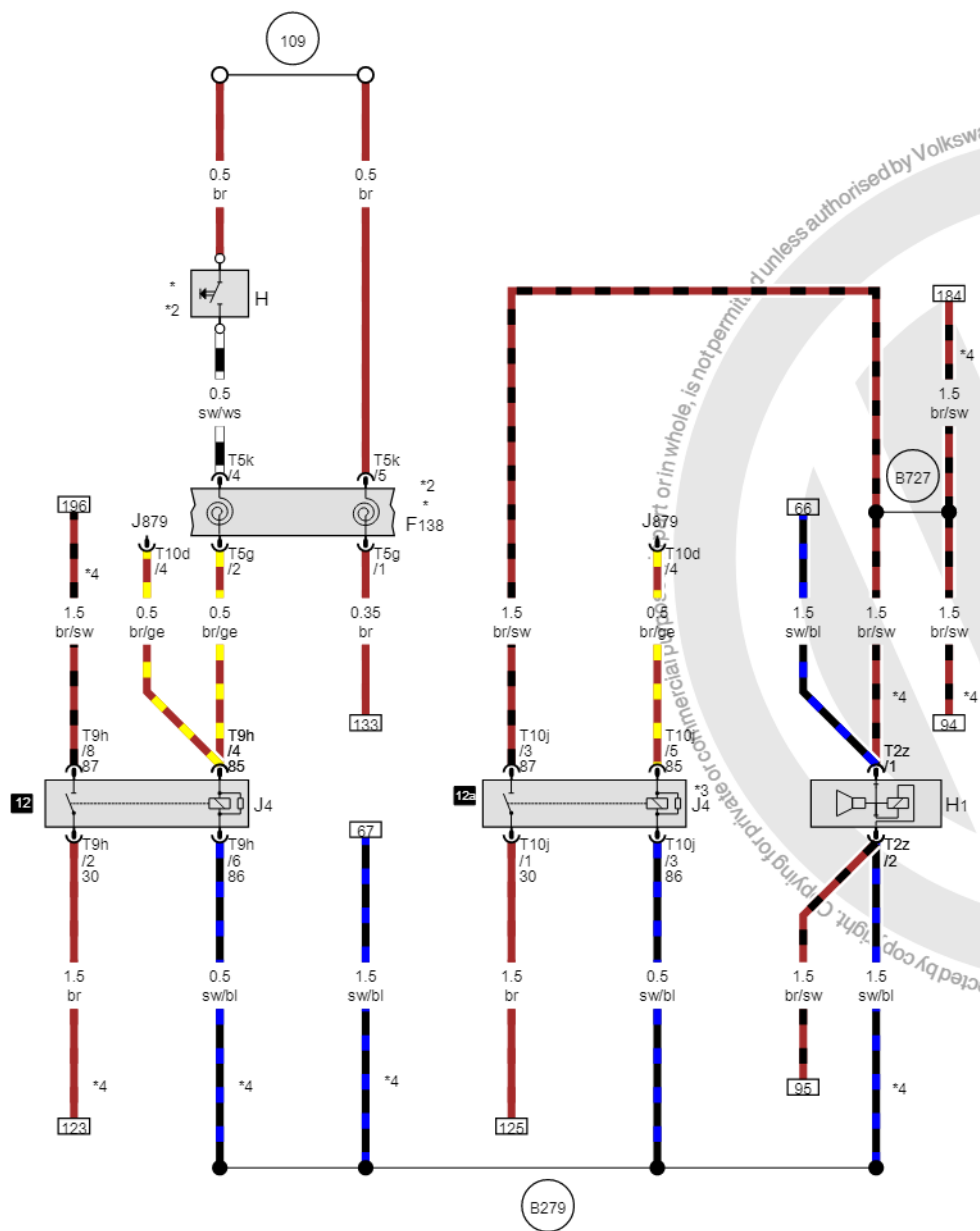
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

Airbag coil connector and return ring with slip ring, Horn plate, Horn or dual tone horn, Dual tone horn relay

- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J879 Control unit for interactive system
- T2z 2-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T9h 9-pin connector
- T10d 10-pin connector
- T10j 10-pin connector

- 109 Earth connection, in airbag wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B727 Connection (71a), in main wiring harness

- \* Only models with driver and front passenger airbags
- \*2 Only models with detachable operating unit for radio
- \*3 From October 2011
- \*4 Only models with multifunction steering wheel or driver and front passenger airbags

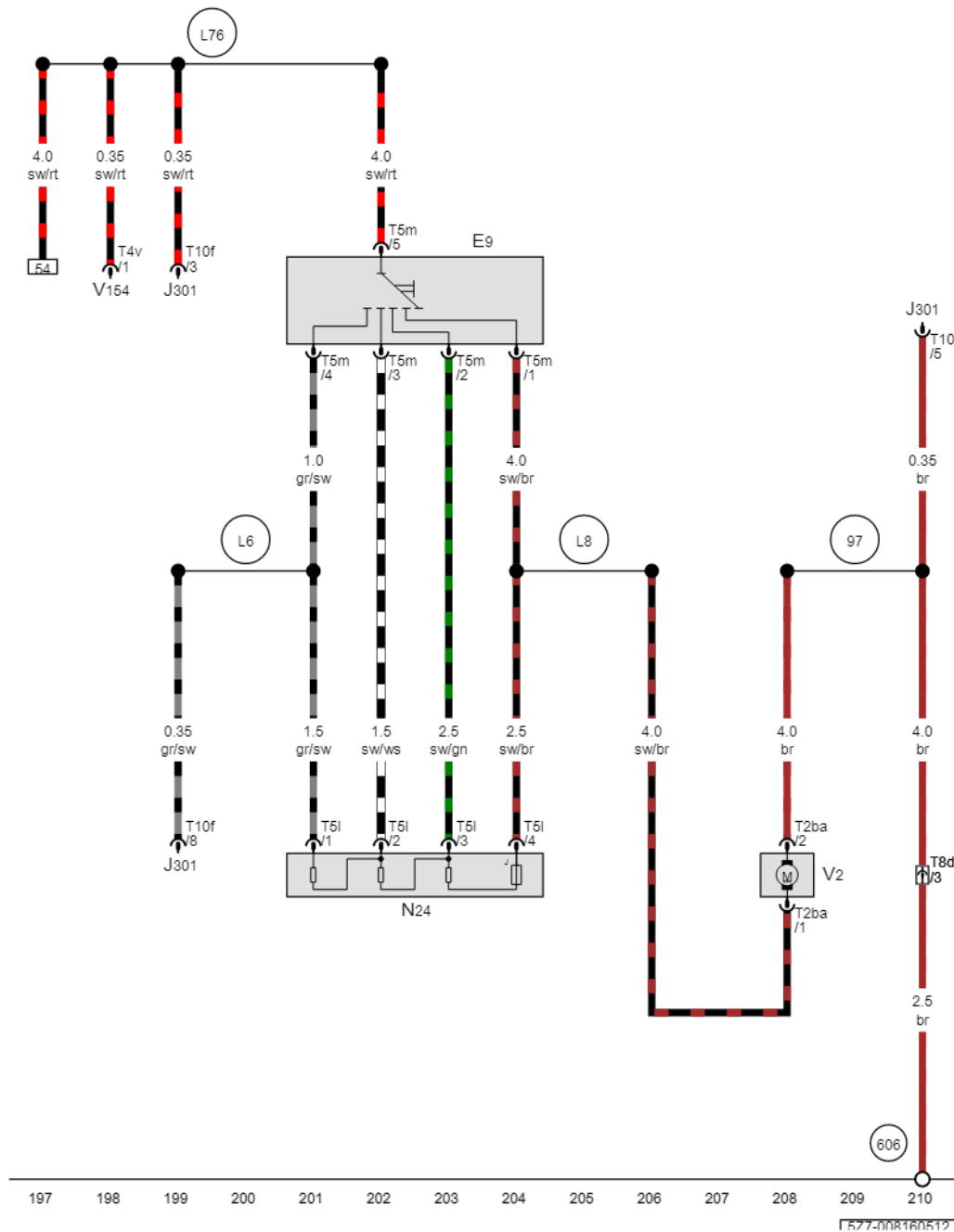


- ws = white
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- br = brown
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- gr = grey
- li = purple
- vi = purple
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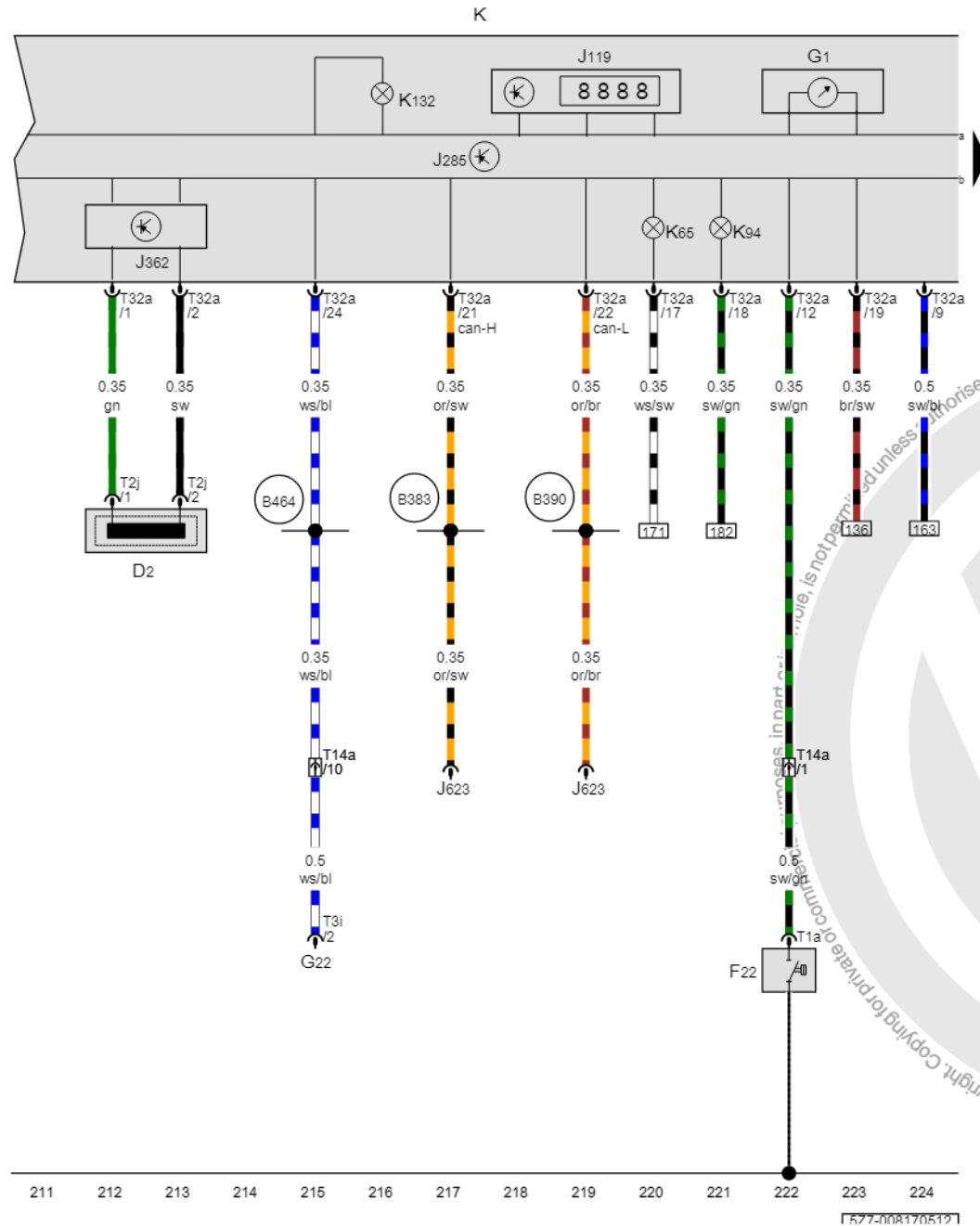
Fresh air blower switch, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T4v 4-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- V154 Fresh air and air recirculation flap control motor
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- L76 Connection (87), in air conditioning system wiring harness



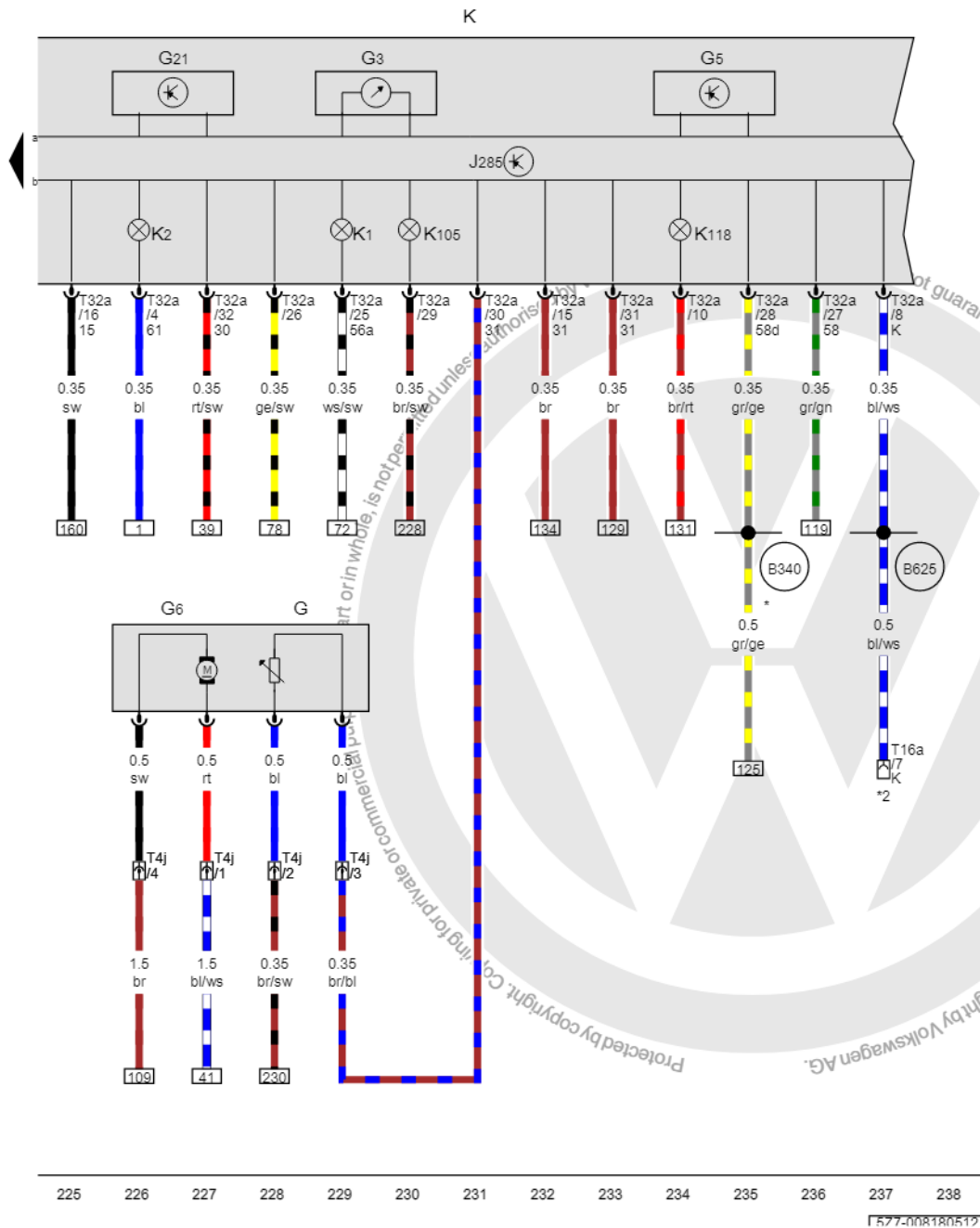


Immobiliser reader coil, Oil pressure switch, Fuel gauge, Multifunction indicator, Immobiliser control unit, Dash panel insert, Left turn signal warning lamp, Right turn signal warning lamp, Electronic power control fault lamp



- D2 Immobiliser reader coil
- F22 Oil pressure switch
- G1 Fuel gauge
- G22 Speedometer sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T2j 2-pin connector
- T3i 3-pin connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (B464) Connection (speed signal), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuel gauge sender, Coolant temperature gauge, Rev. counter, Fuel system pressurisation pump, Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp

- G Fuel gauge sender
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- T4j 4-pin connector
- T16a 16-pin connector
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Only smoker version models
- \*2 Diagnostic connection

## Airbag systems

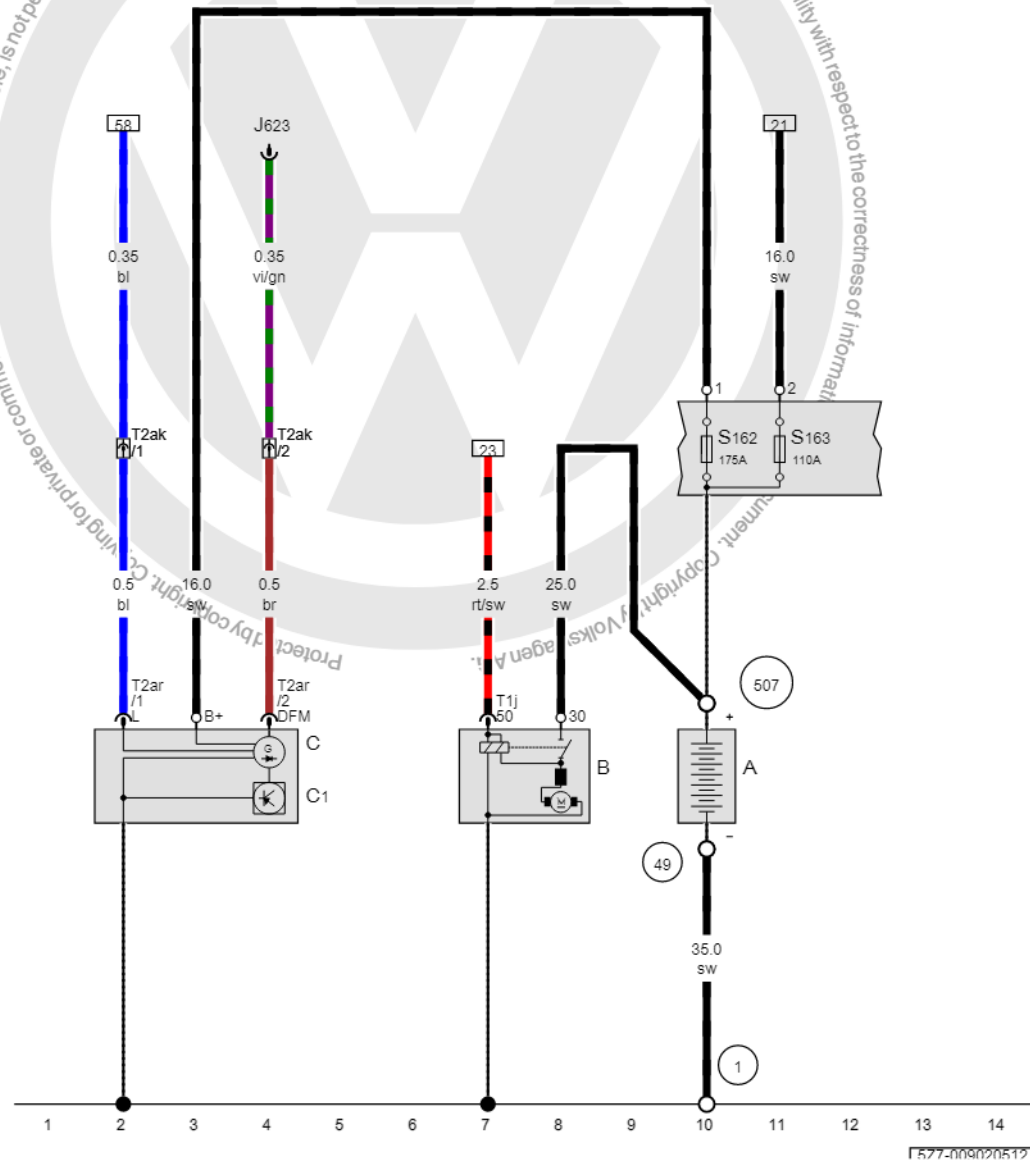
From January 2011



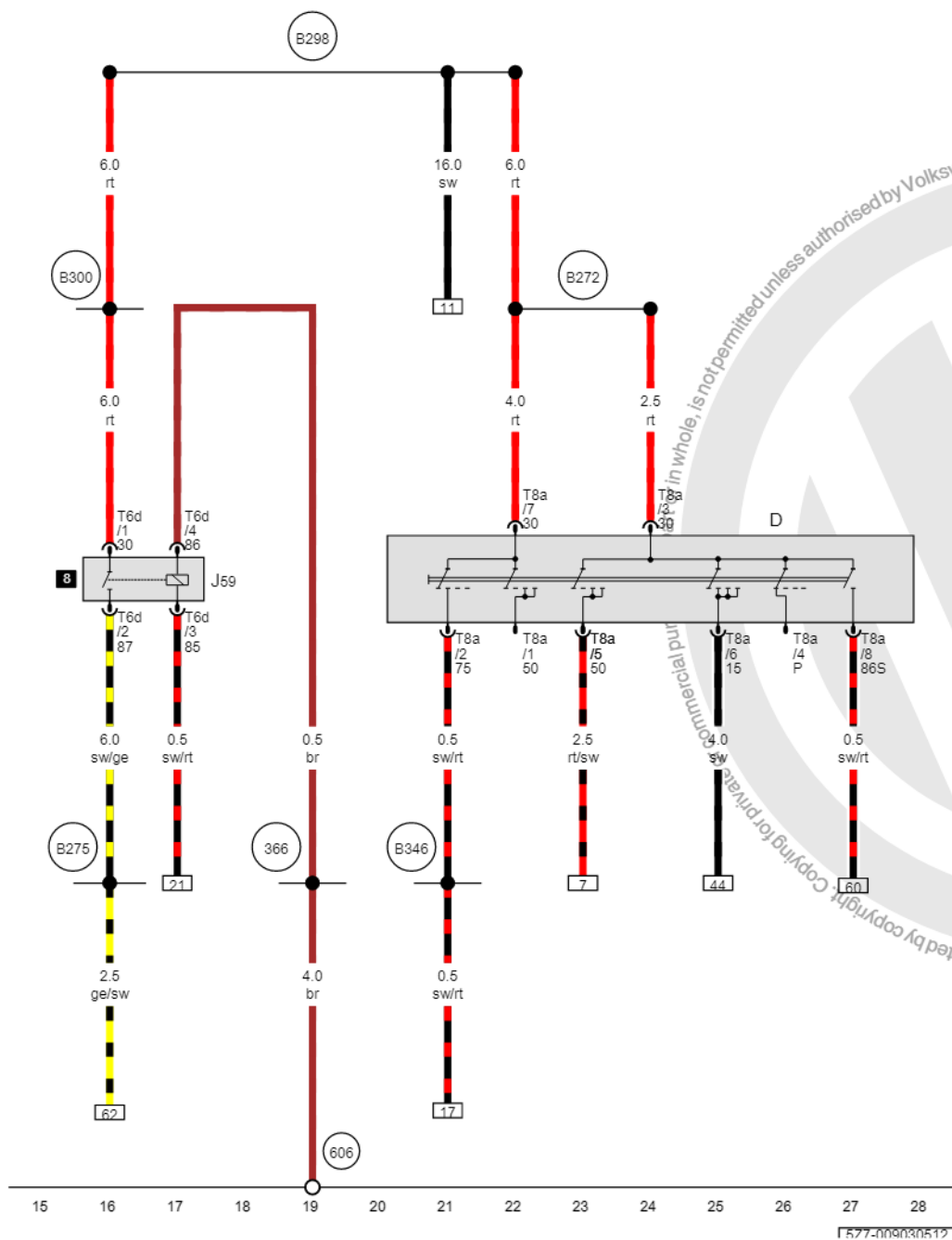
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



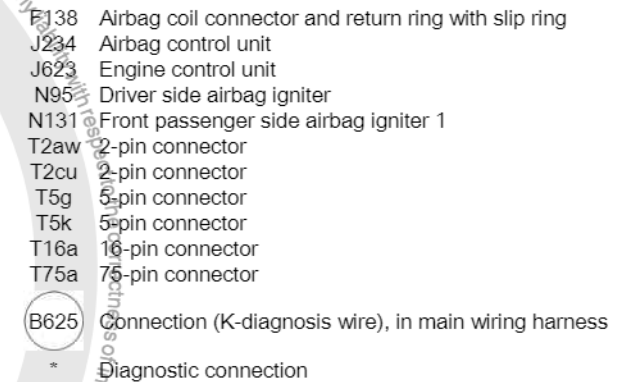
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

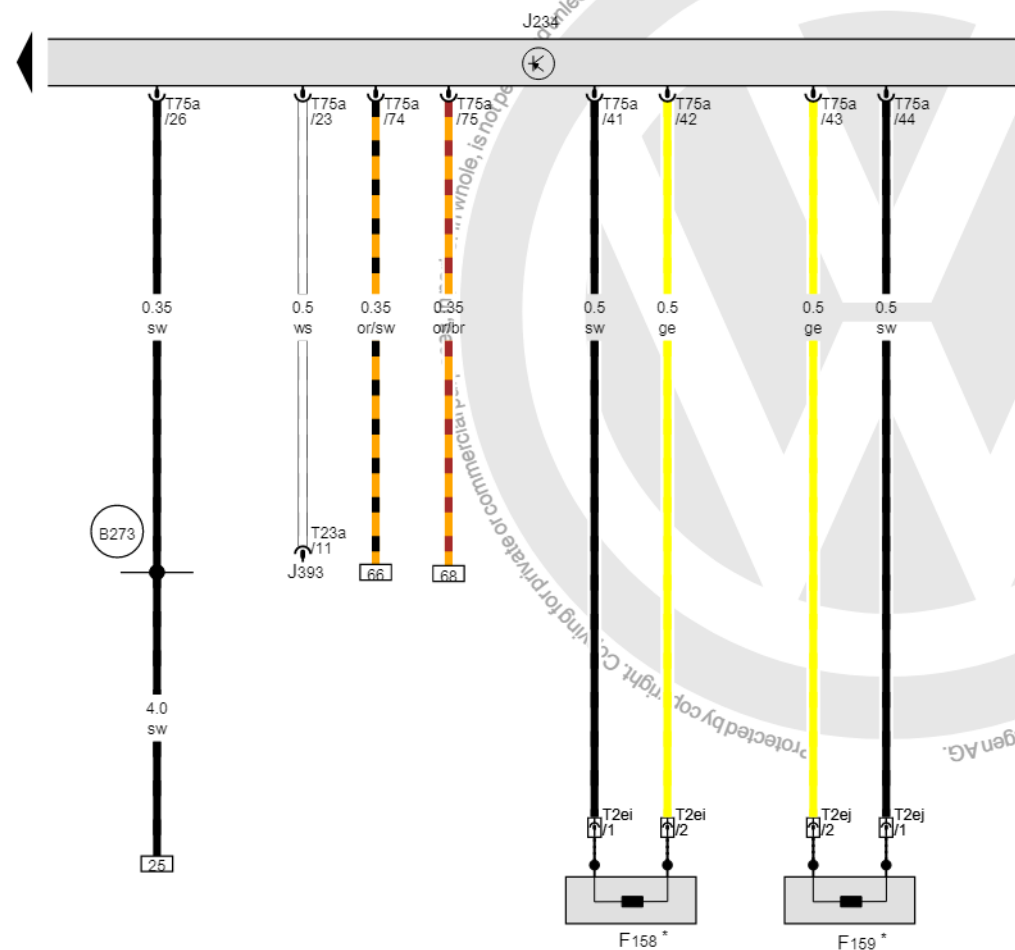


Ignition/starter switch, X-contact relief relay

- |      |   |
|------|---|
| D    | Ignition/starter switch                               |
| J59  | X-contact relief relay                                |
| T6d  | 6-pin connector                                       |
| T8a  | 8-pin connector                                       |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness      |
| B275 | Positive connection (87), in main wiring harness      |
| B298 | Positive connection 2 (30), in main wiring harness    |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B346 | Connection 1 (75), in main wiring harness             |

- |    |   |        |
|----|---|--------|
| ws | = | white  |
| sw | = | black  |
| ro | = | red    |
| rt | = | red    |
| br | = | brown  |
| gn | = | green  |
| bl | = | blue   |
| gr | = | grey   |
| li | = | purple |
| vi | = | purple |
| ge | = | yellow |
| or | = | orange |
| rs | = | pink   |

[illegible]



Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit

- F158 Belt tensioner switch 1
- F159 Belt tensioner switch 2
- J234 Airbag control unit
- J393 Convenience system central control unit
- T2ei 2-pin connector
- T2ej 2-pin connector
- T23a 23-pin connector
- T75a 75-pin connector

B273 Positive connection (15), in main wiring harness

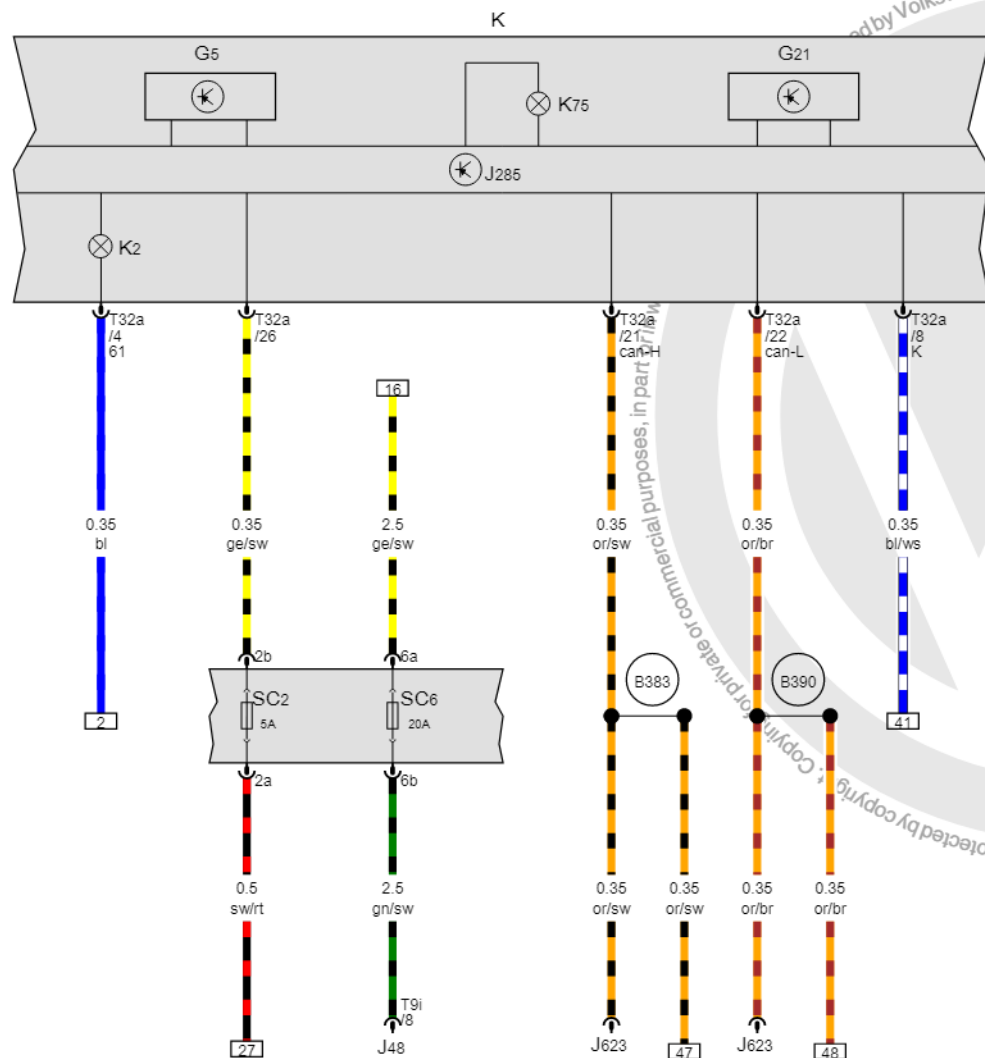
\* From April 2011

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Airbag warning lamp

- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K75 Airbag warning lamp
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T9i 9-pin connector
- T32a 32-pin connector

- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



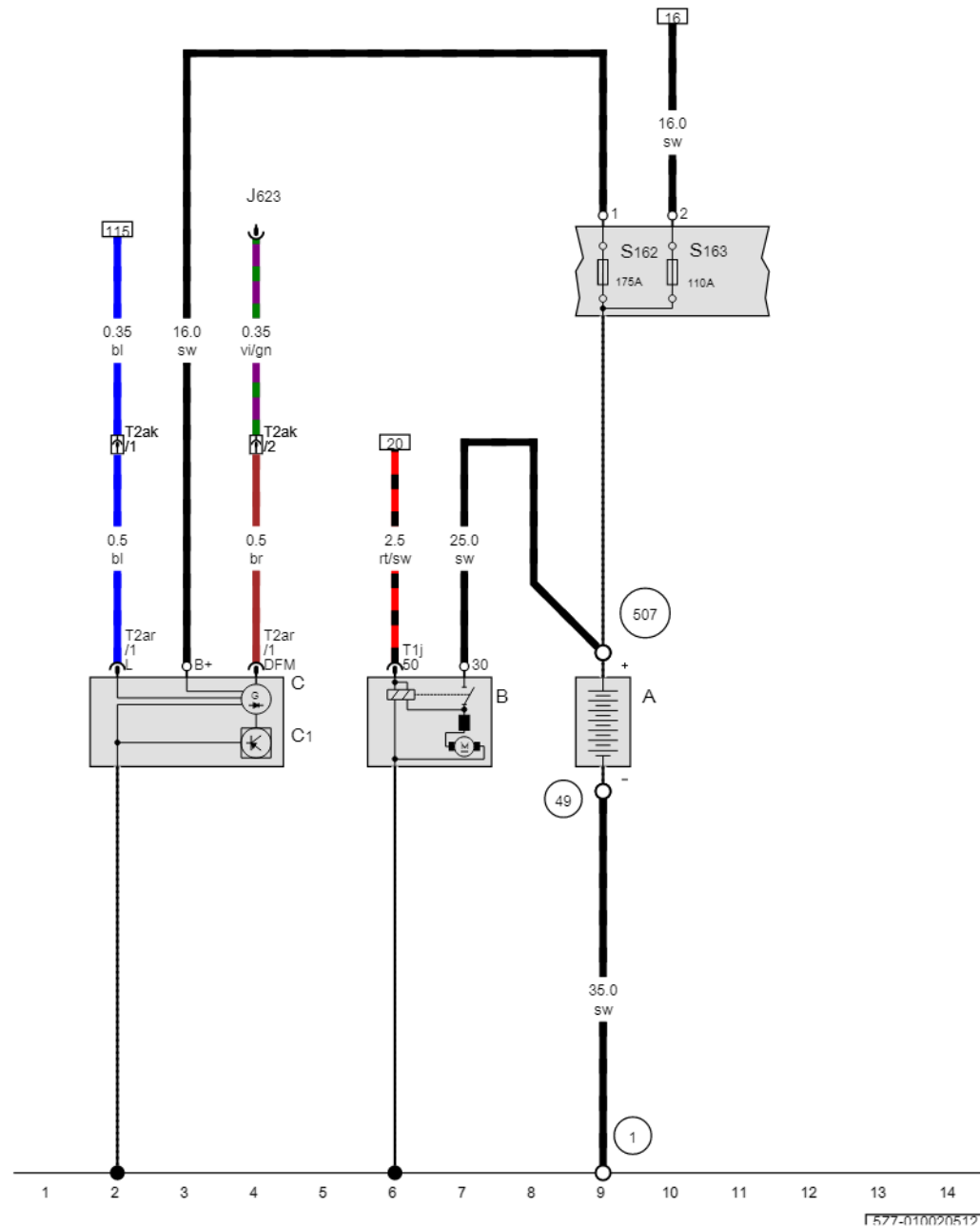
## Fog light and rear fog light

From January 2011

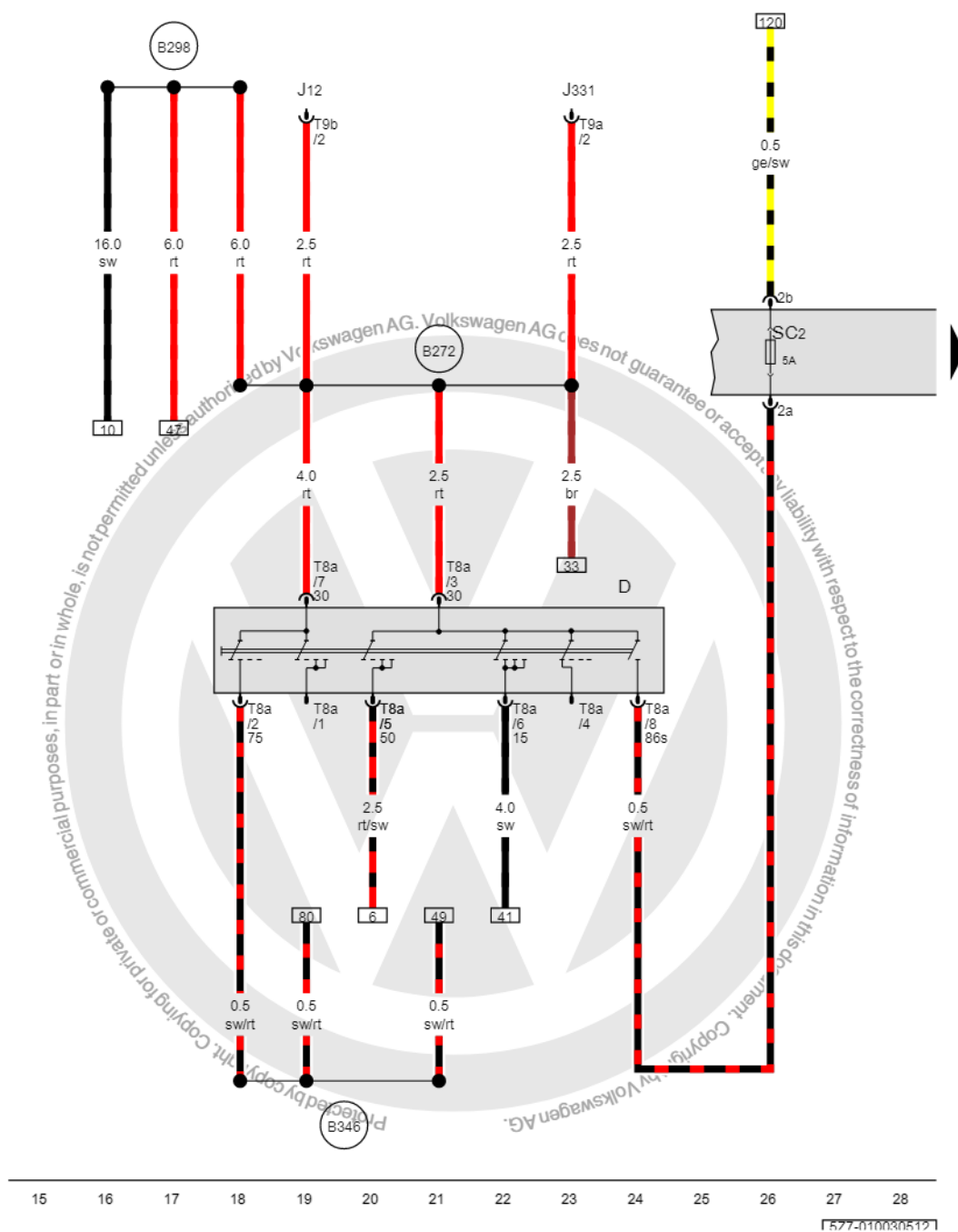


Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

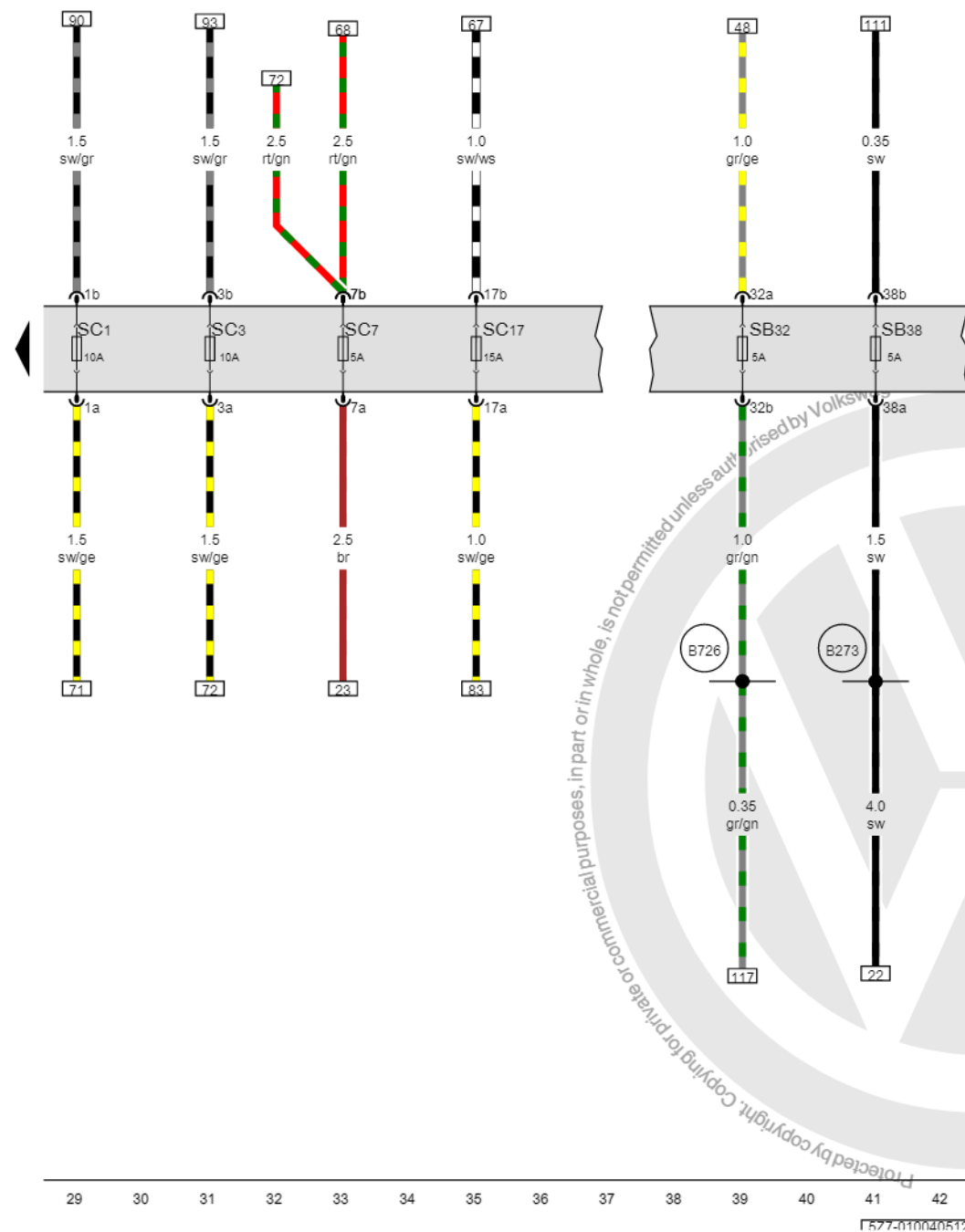


Ignition/starter switch

- |      |                           |
|------|---------------------------|
| D    | Ignition/starter switch   |
| J12  | Headlight main beam relay |
| J331 | Dipped beam relay         |
| SC2  | Fuse 2 on fuse holder C   |
| T8a  | 8-pin connector           |
| T9a  | 9-pin connector           |
| T9b  | 9-pin connector           |

- (B272) Positive connection (30), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Fuse 1 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 17 on fuse holder C, Fuse 32 on fuse holder B, Fuse 38 on fuse holder B

- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SB32 Fuse 32 on fuse holder B
- SB38 Fuse 38 on fuse holder B

B273 Positive connection (15), in main wiring harness

B726 Positive connection 2 (58), in main wiring harness

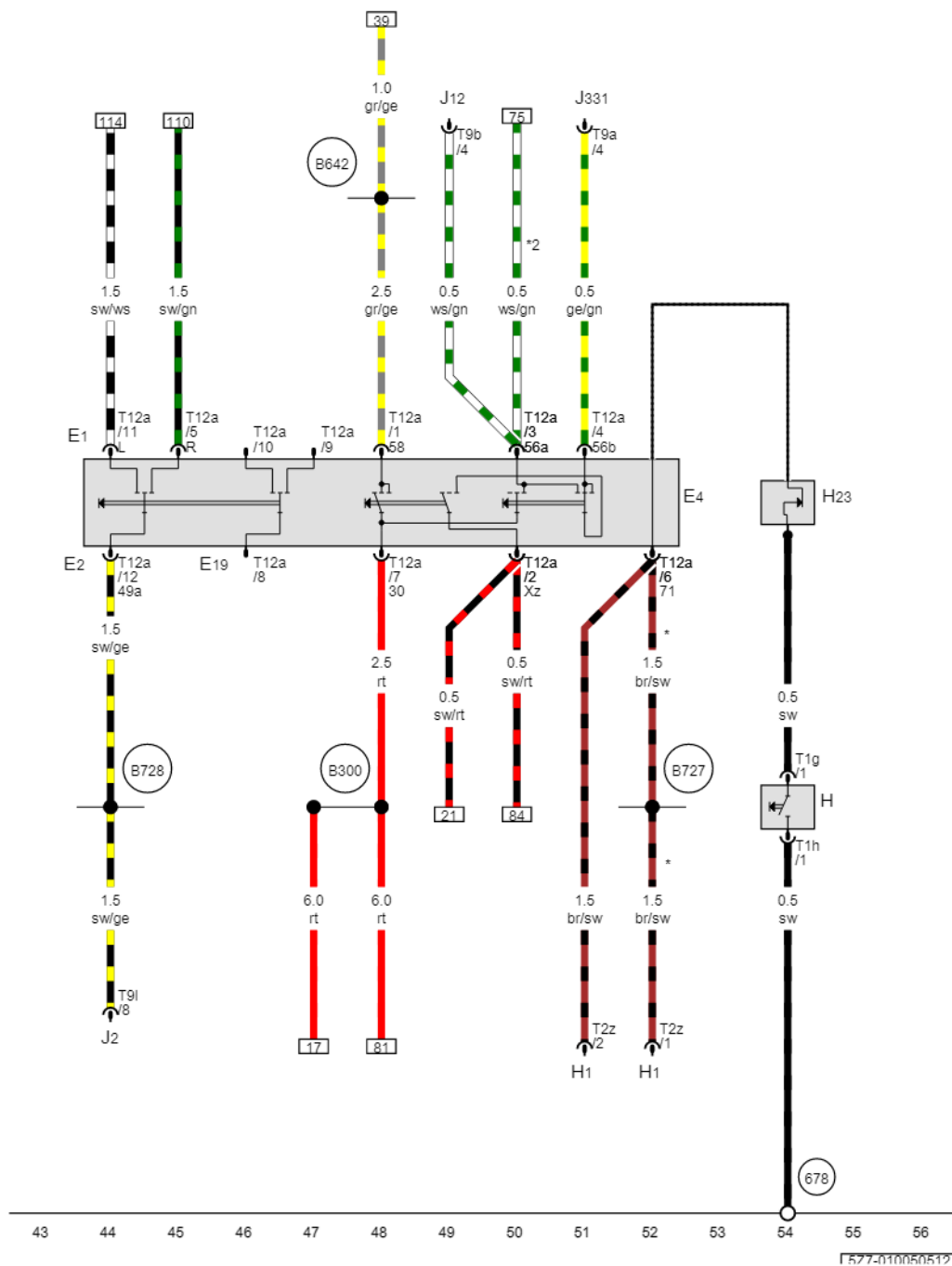
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- J2 Hazard warning light relay
- J12 Headlight main beam relay
- J331 Dipped beam relay
- T1g Single connector
- T1h Single connector
- T2z 2-pin connector
- T9a 9-pin connector
- T9b 9-pin connector
- T9l 9-pin connector
- T12a 12-pin connector

- (678) Earth point, on steering wheel
- (B300) Positive connection 4 (30), in main wiring harness
- (B642) Positive connection (58), in main wiring harness
- (B727) Connection (71a), in main wiring harness
- (B728) Connection (49a), in main wiring harness
- \* Only models with multifunction steering wheel
- \*2 Only CROSS models

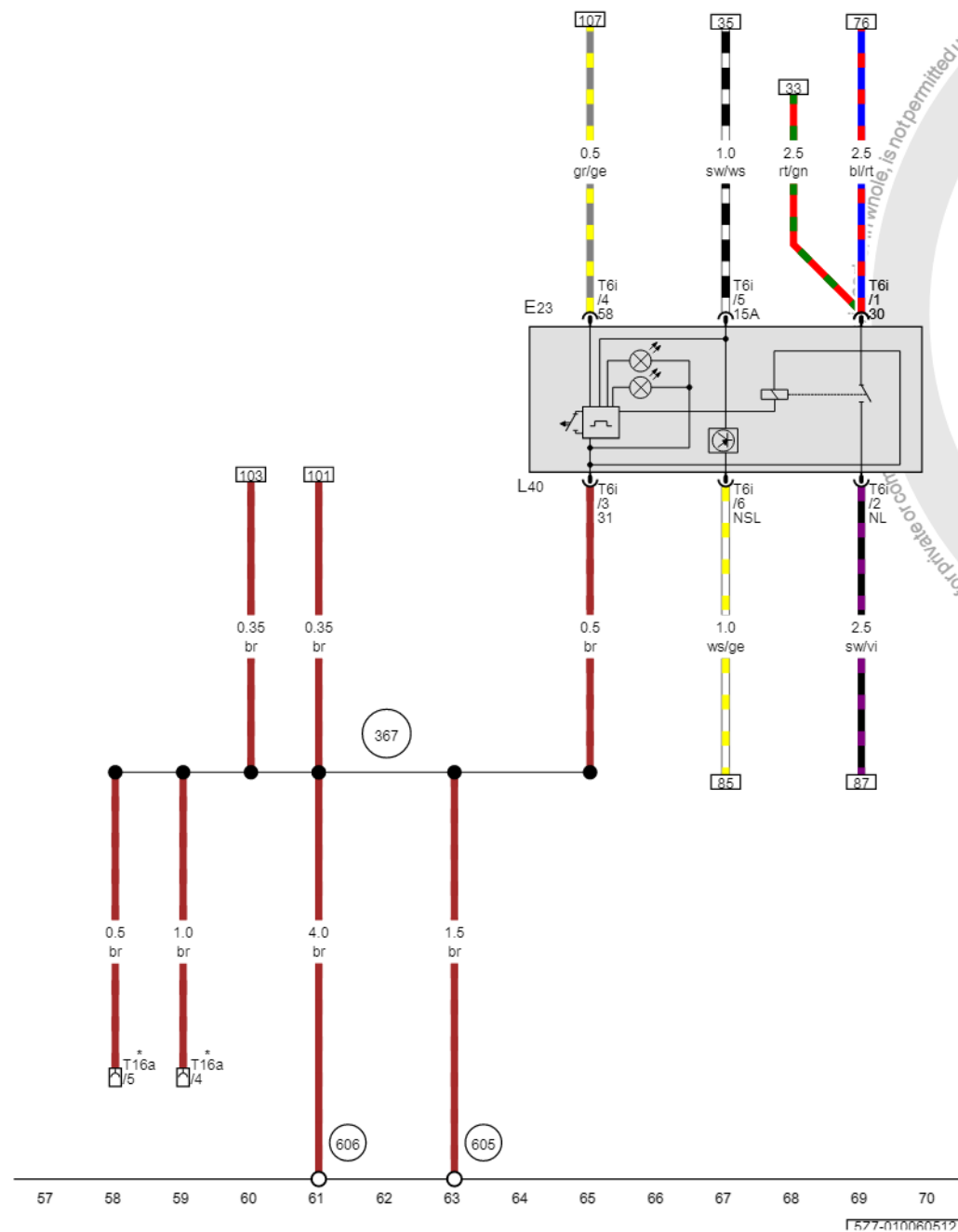
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

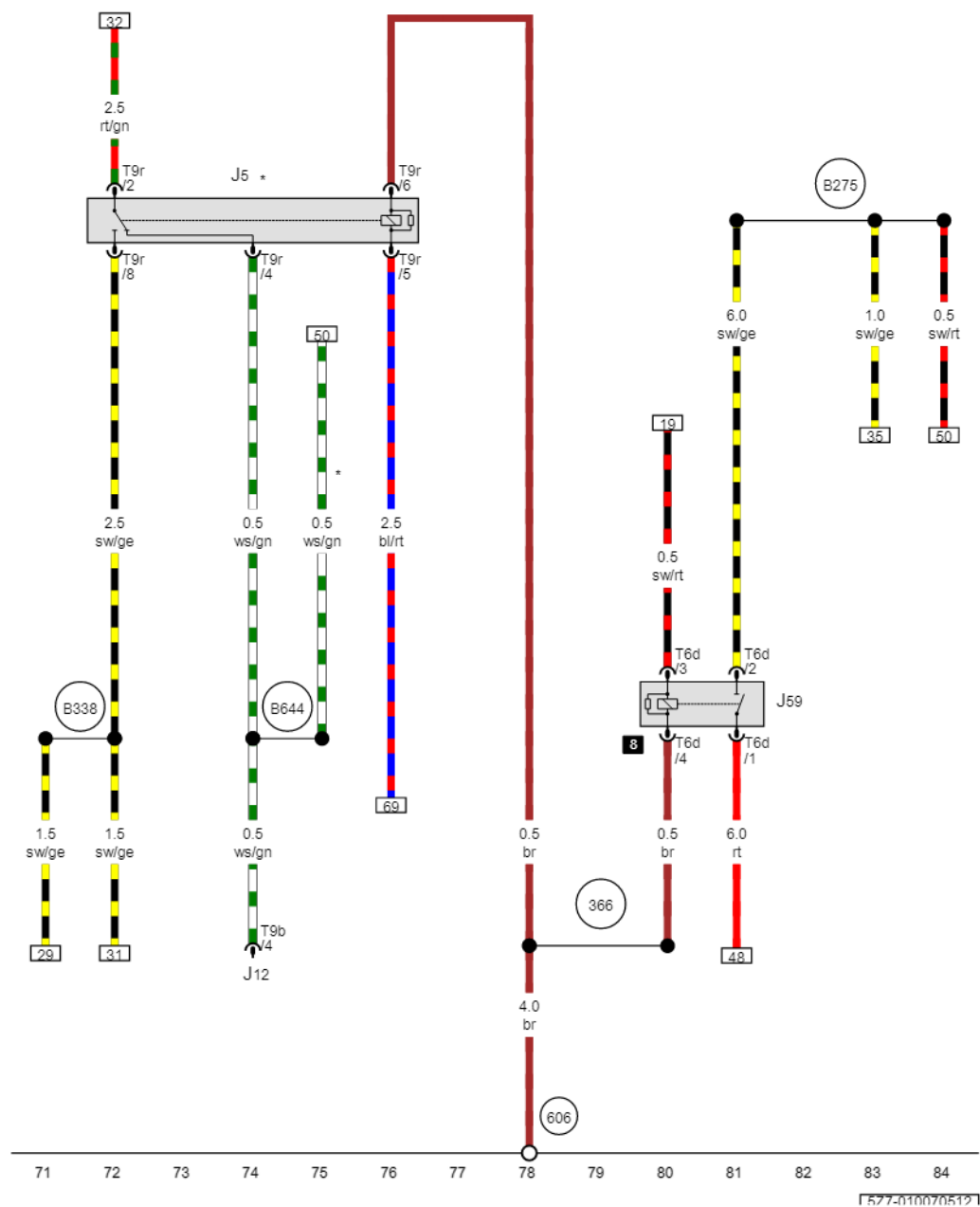


Front and rear fog light switch, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- \* Diagnostic connection





Fog light relay, X-contact relief relay

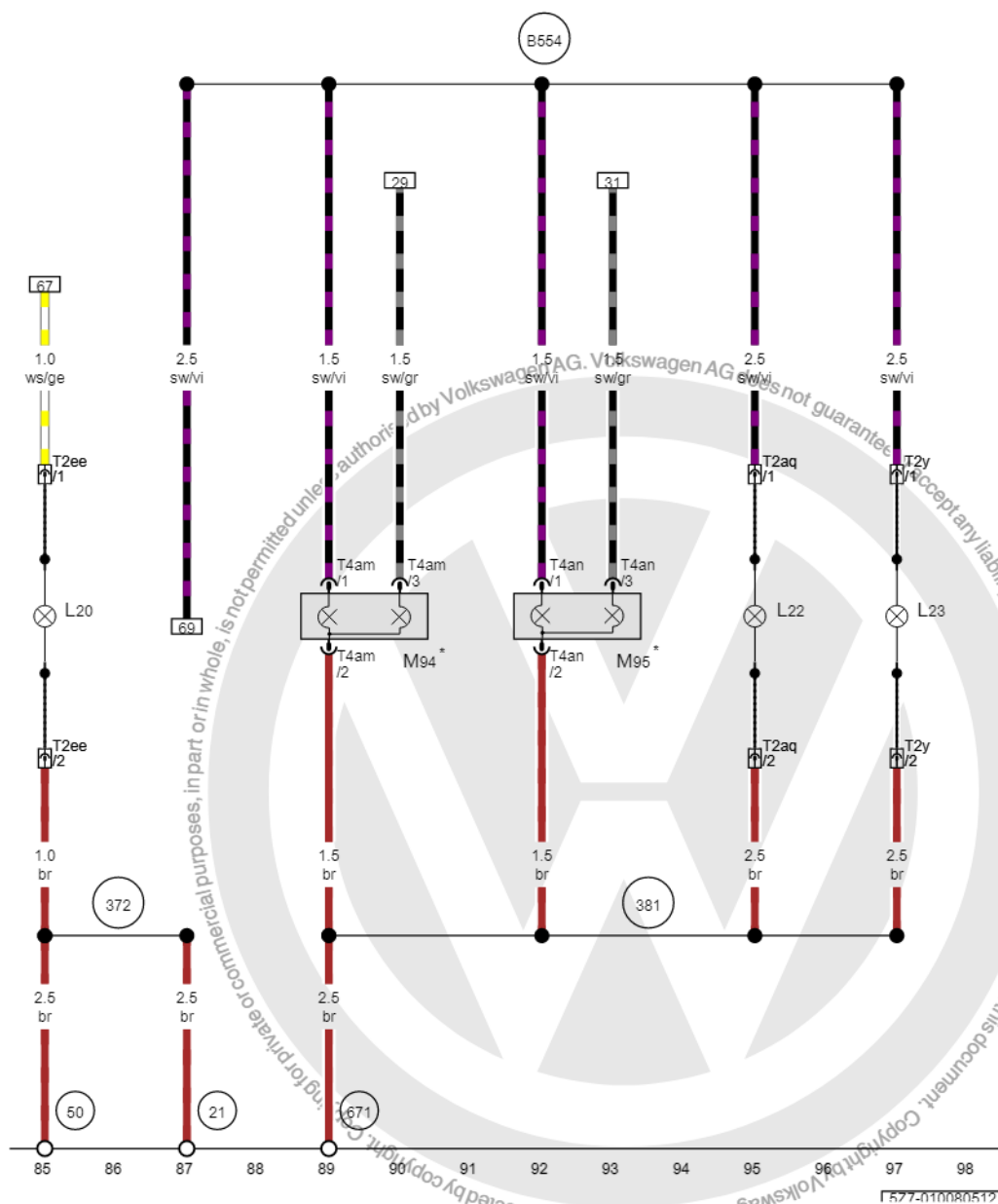
- |      |   |
|------|---|
| J5   | Fog light relay                                       |
| J12  | Headlight main beam relay                             |
| J59  | X-contact relief relay                                |
| T6d  | 6-pin connector                                       |
| T9b  | 9-pin connector                                       |
| T9r  | 9-pin connector                                       |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B275 | Positive connection (87), in main wiring harness      |
| B338 | Connection 1 (56), in main wiring harness             |
| B644 | Connection 3 (56a), in main wiring harness            |
| *    | Only CROSS models                                     |

ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
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or = orange  
rs = pink

Rear fog light bulb, Left fog light bulb, Right fog light bulb,  
Left main beam headlight and fog light bulb, Right main  
beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2ee 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness
- \* Only CROSS models

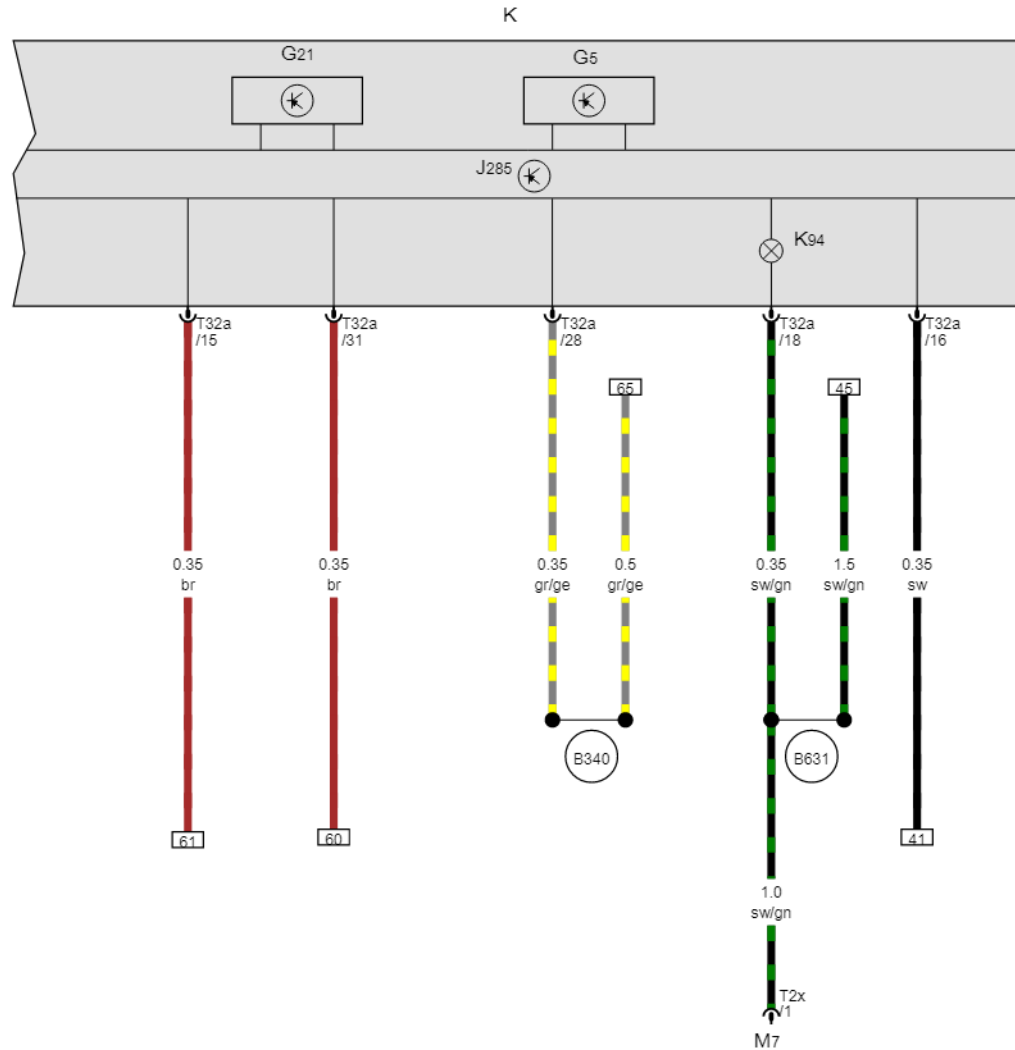


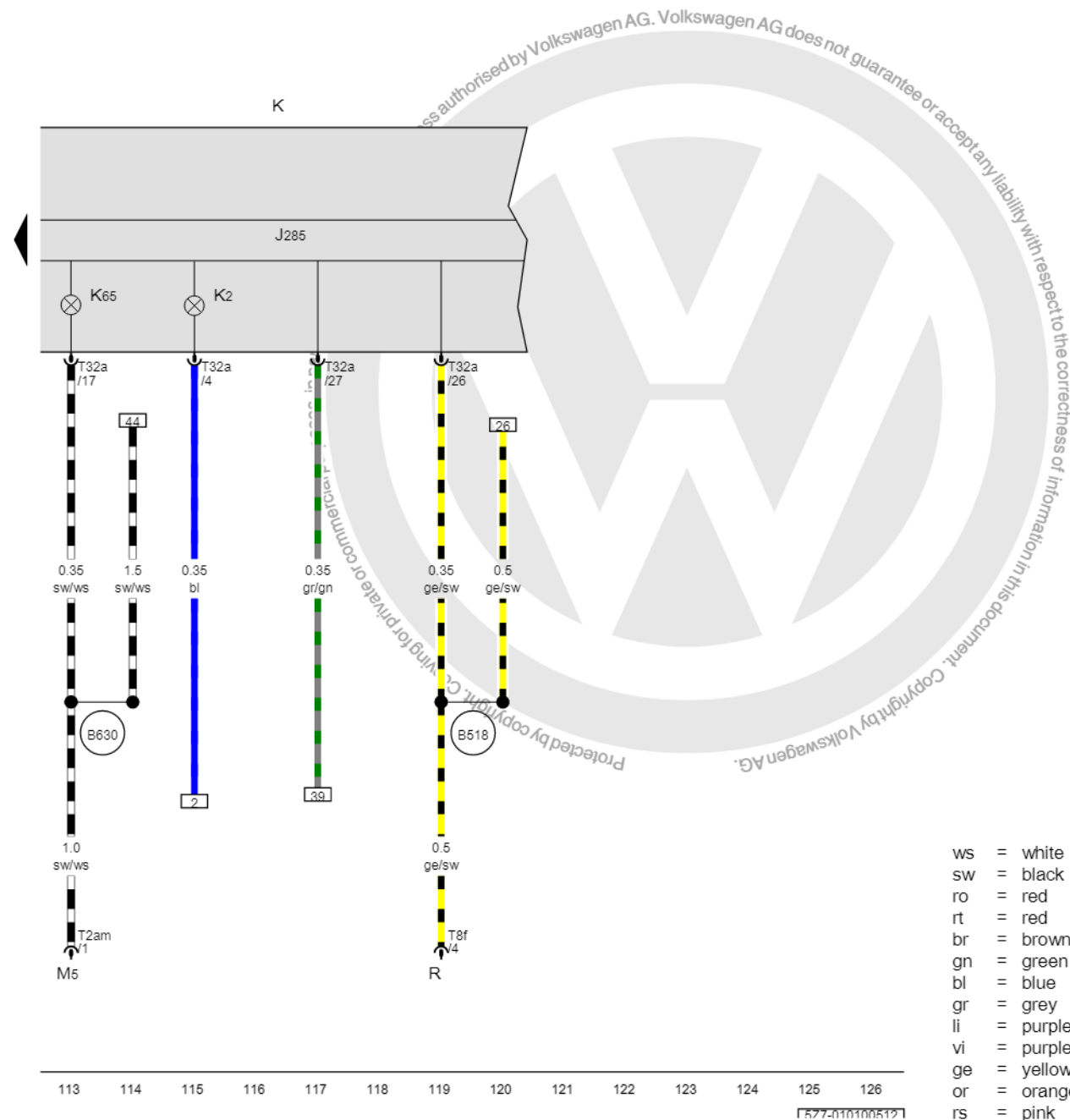
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Right turn signal warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K94 Right turn signal warning lamp
- M7 Front right turn signal bulb
- T2x 2-pin connector
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness





Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp

- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- M5 Front left turn signal bulb
- R Radio
- T2am 2-pin connector
- T8f 8-pin connector
- T32a 32-pin connector

- (B518) Connection (86s), in main wiring harness
- (B630) Positive connection (left turn signal bulb), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Air conditioning system

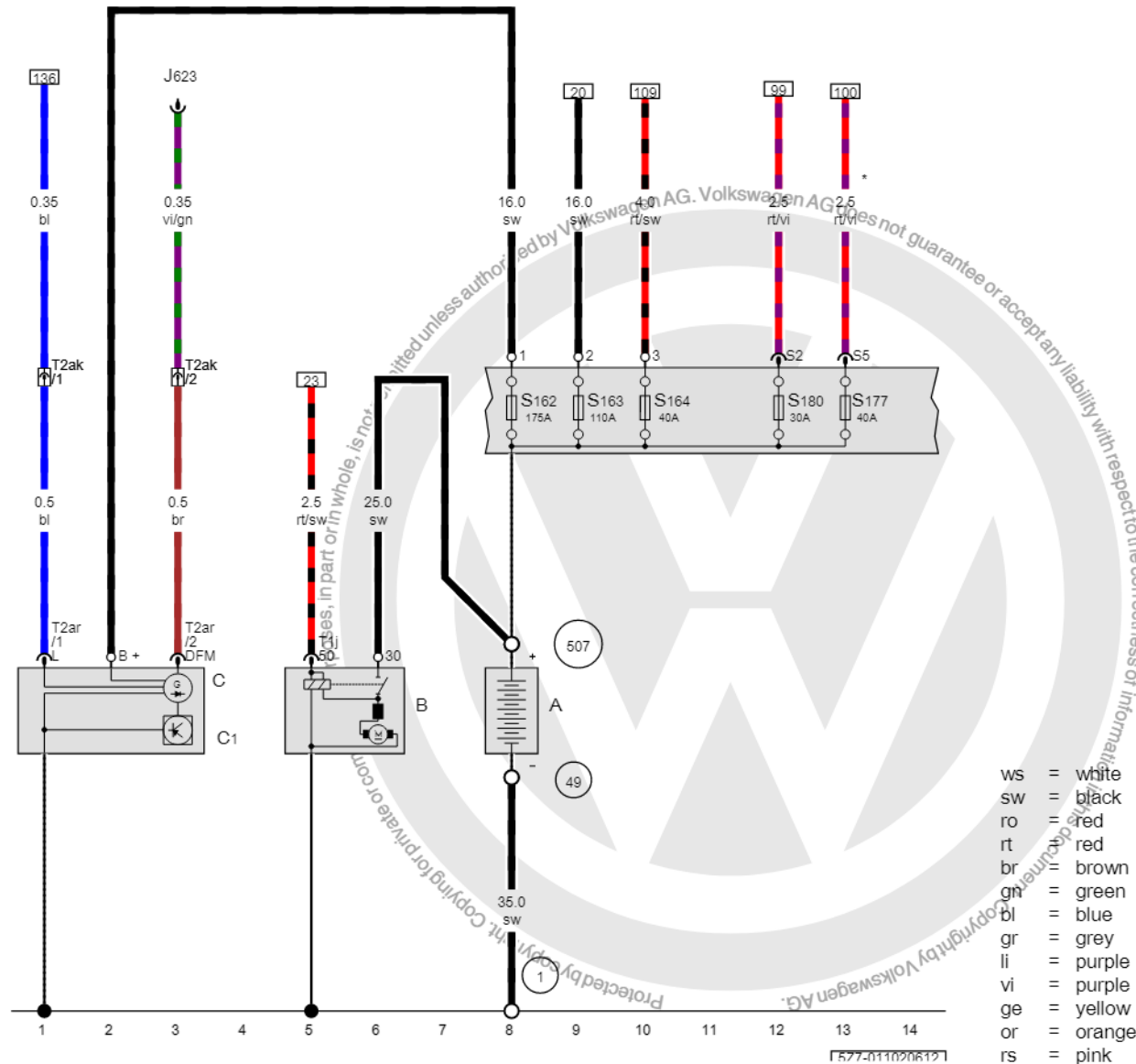
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* From February 2011

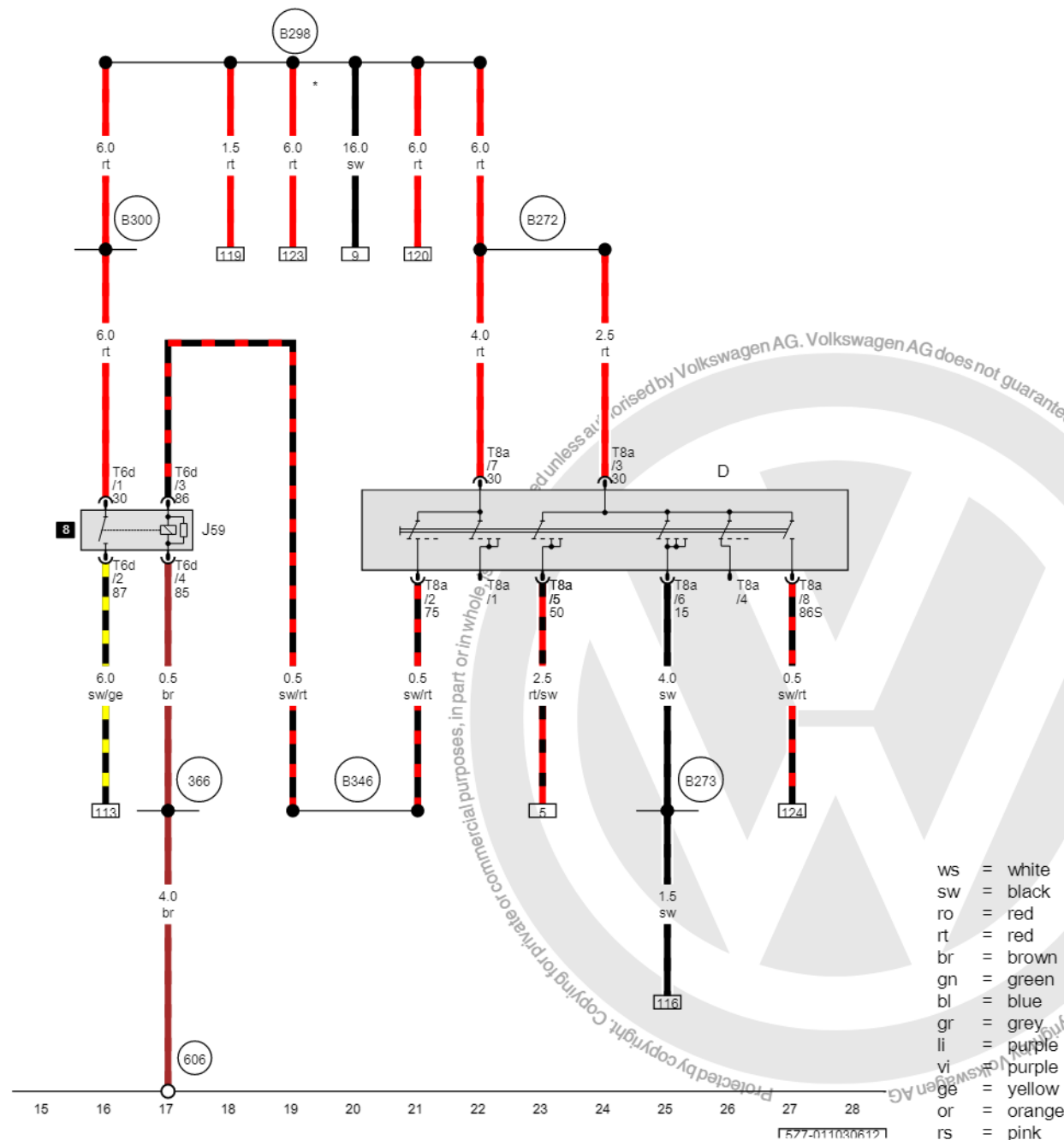


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- T6d 6-pin connector
- T8a 8-pin connector

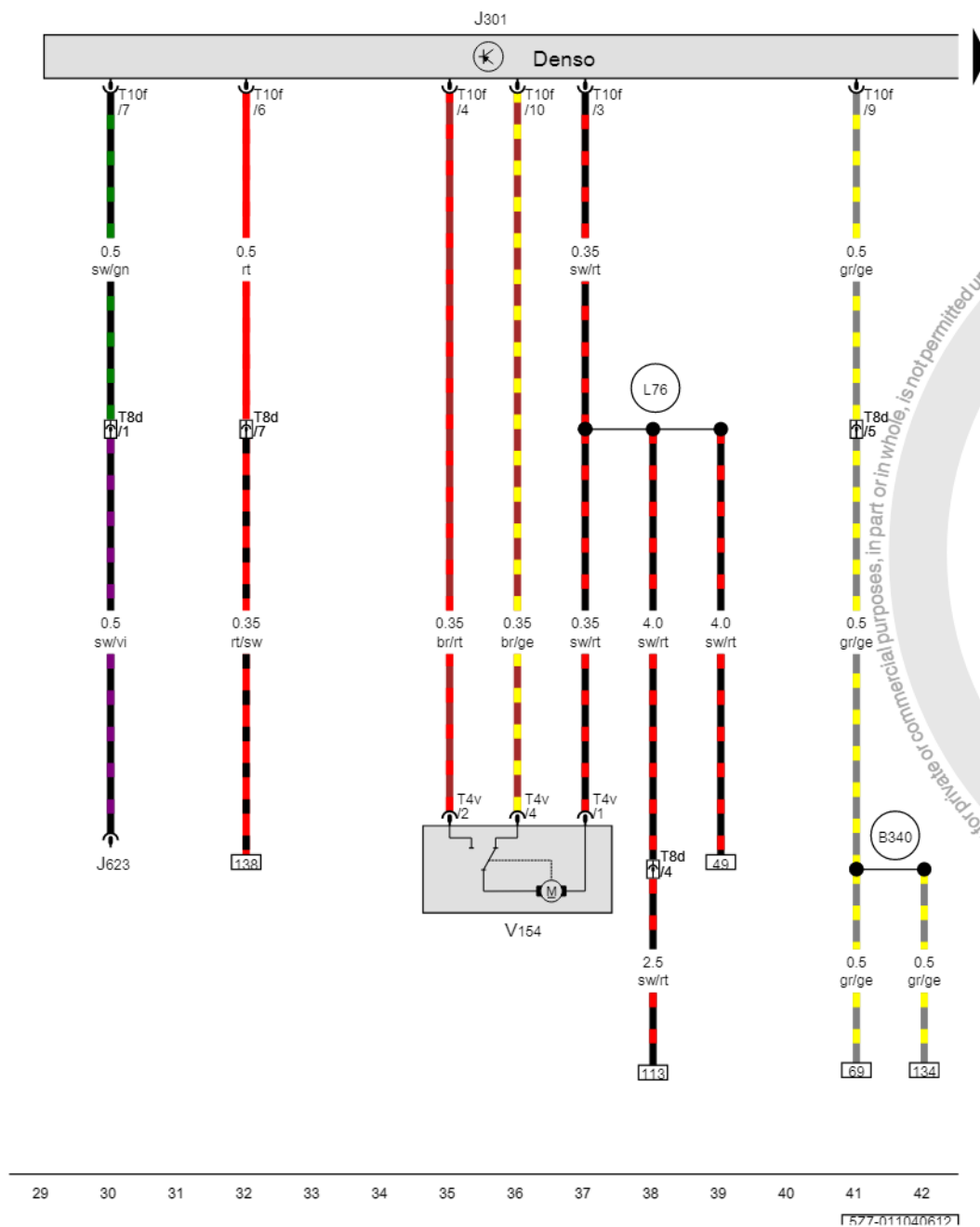
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- For models with convenience system

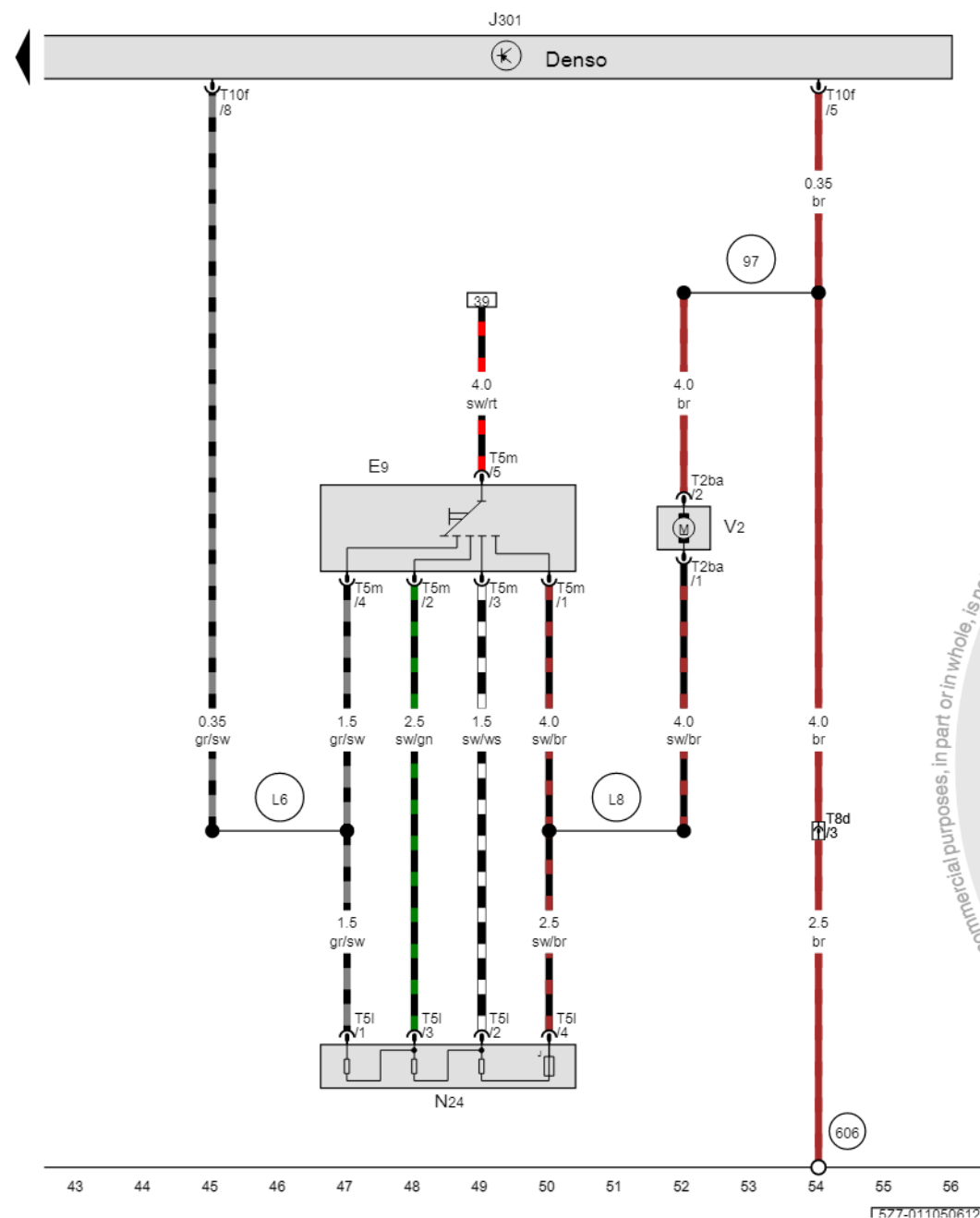


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Air conditioning system control unit, Fresh air and air recirculation flap control motor

- J301 Air conditioning system control unit
- J623 Engine control unit
- T4v 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V154 Fresh air and air recirculation flap control motor
- B340 Connection 1 (58d), in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness



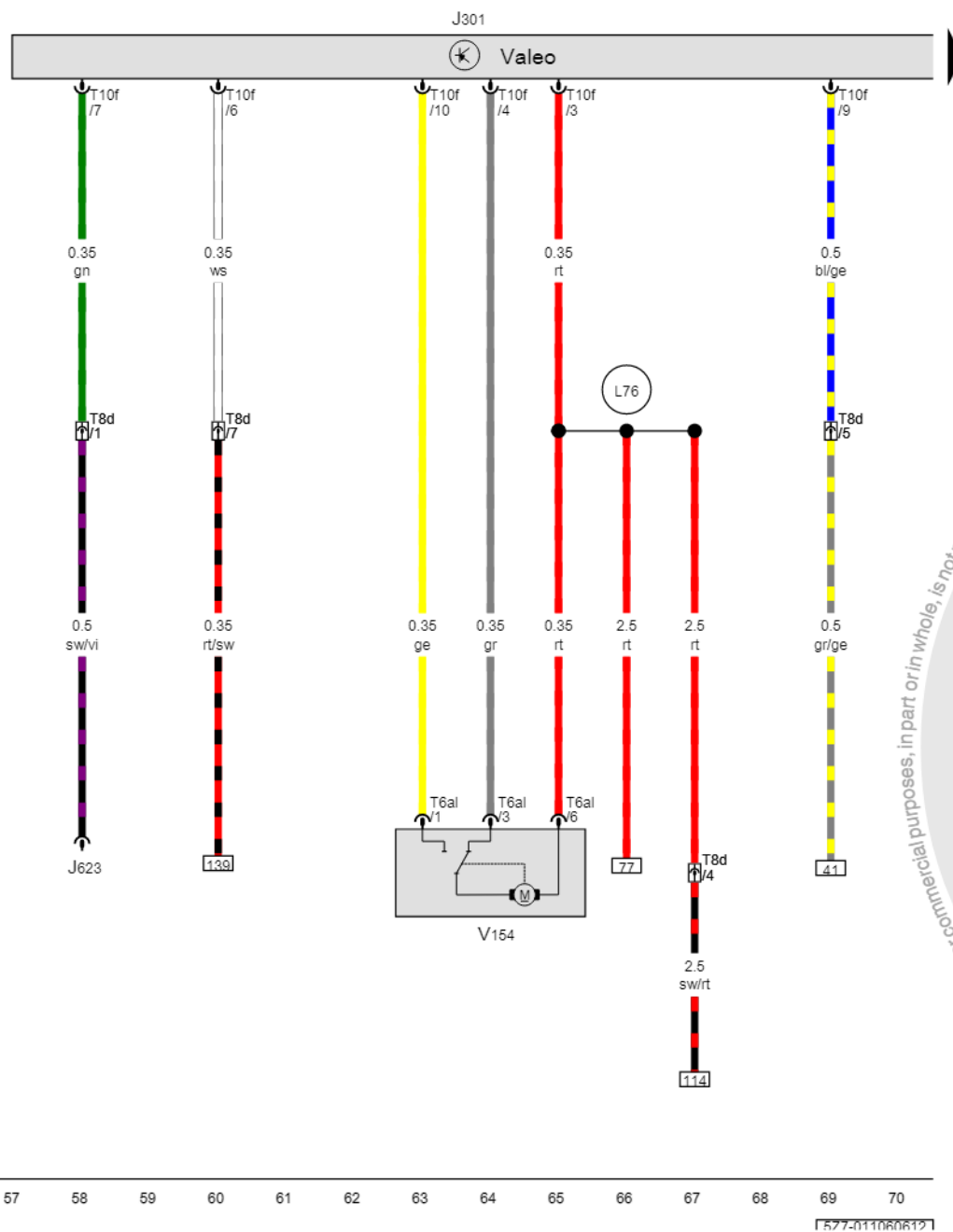


Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

Air conditioning system control unit, Fresh air and air recirculation flap control motor

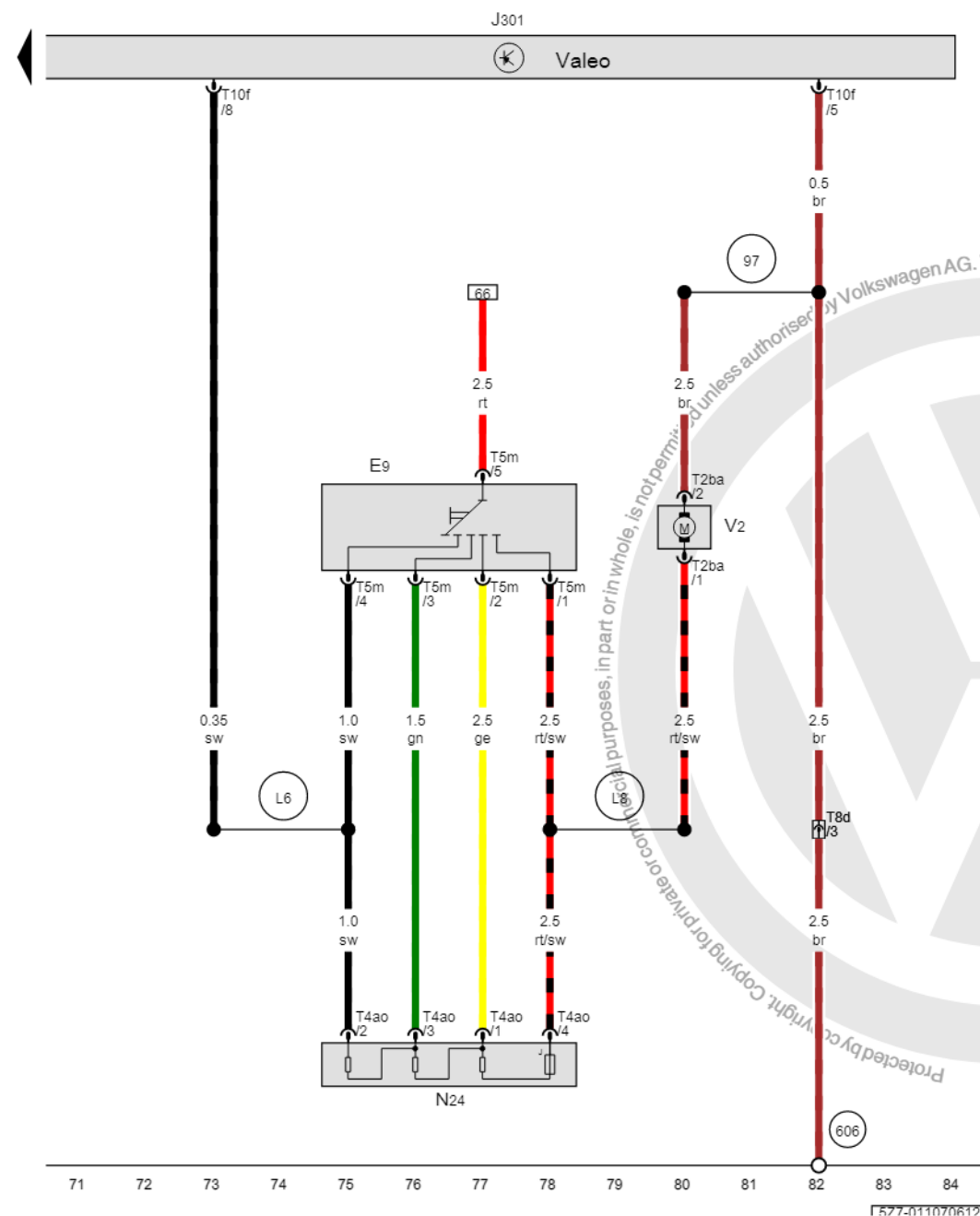
- J301 Air conditioning system control unit
- J623 Engine control unit
- T6al 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V154 Fresh air and air recirculation flap control motor
- L76 Connection (87), in air conditioning system wiring harness



1577-0110R06121



Fresh air blower switch, Air conditioning system control unit,  
Fresh air blower series resistor with overheating fuse, Fresh  
air blower



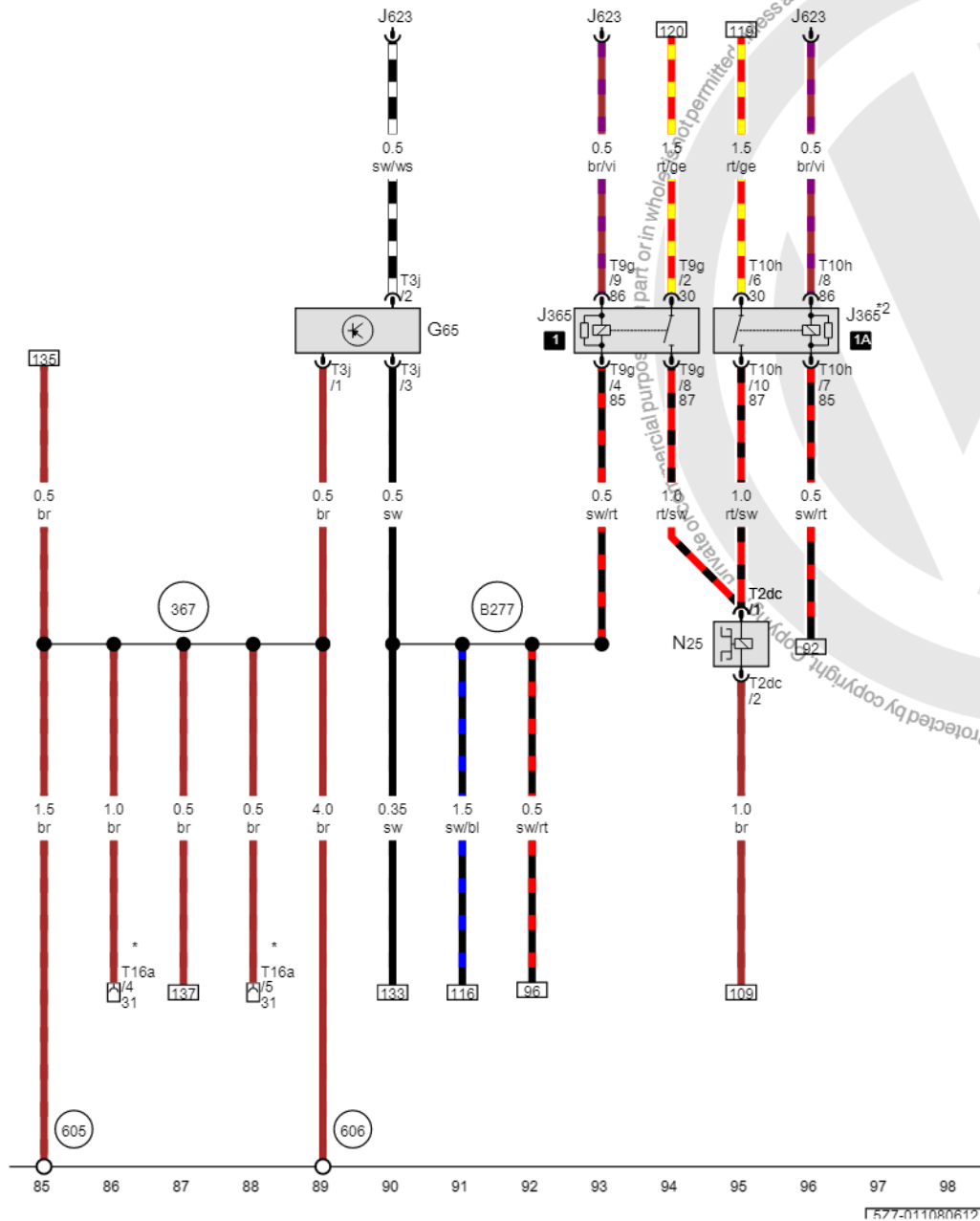
- |      |   |
|------|---|
| E9   | Fresh air blower switch                                       |
| J301 | Air conditioning system control unit                          |
| N24  | Fresh air blower series resistor with overheating fuse        |
| T2ba | 2-pin connector   |
| T4ao | 4-pin connector   |
| T5m  | 5-pin connector   |
| T8d  | 8-pin connector, behind dash panel, centre                    |
| T10f | 10-pin connector  |
| V2   | Fresh air blower  |
| 97   | Earth connection 1, in air conditioning system wiring harness |
| 606  | Earth point, under the centre console near gear stick         |
| L6   | Connection 2, in evaporator housing unit wiring harness       |
| L8   | Connection 4, in evaporator housing unit wiring harness       |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

High-pressure sender, Air conditioning system switch-off relay, Air conditioning system magnetic clutch

- G65 High-pressure sender
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- N25 Air conditioning system magnetic clutch
- T2dc 2-pin connector
- T3j 3-pin connector
- T9g 9-pin connector
- T10h 10-pin connector
- T16a 16-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B277 Positive connection 1 (15a) in main wiring harness
- \* Diagnostic connection
- \*2 From October 2011

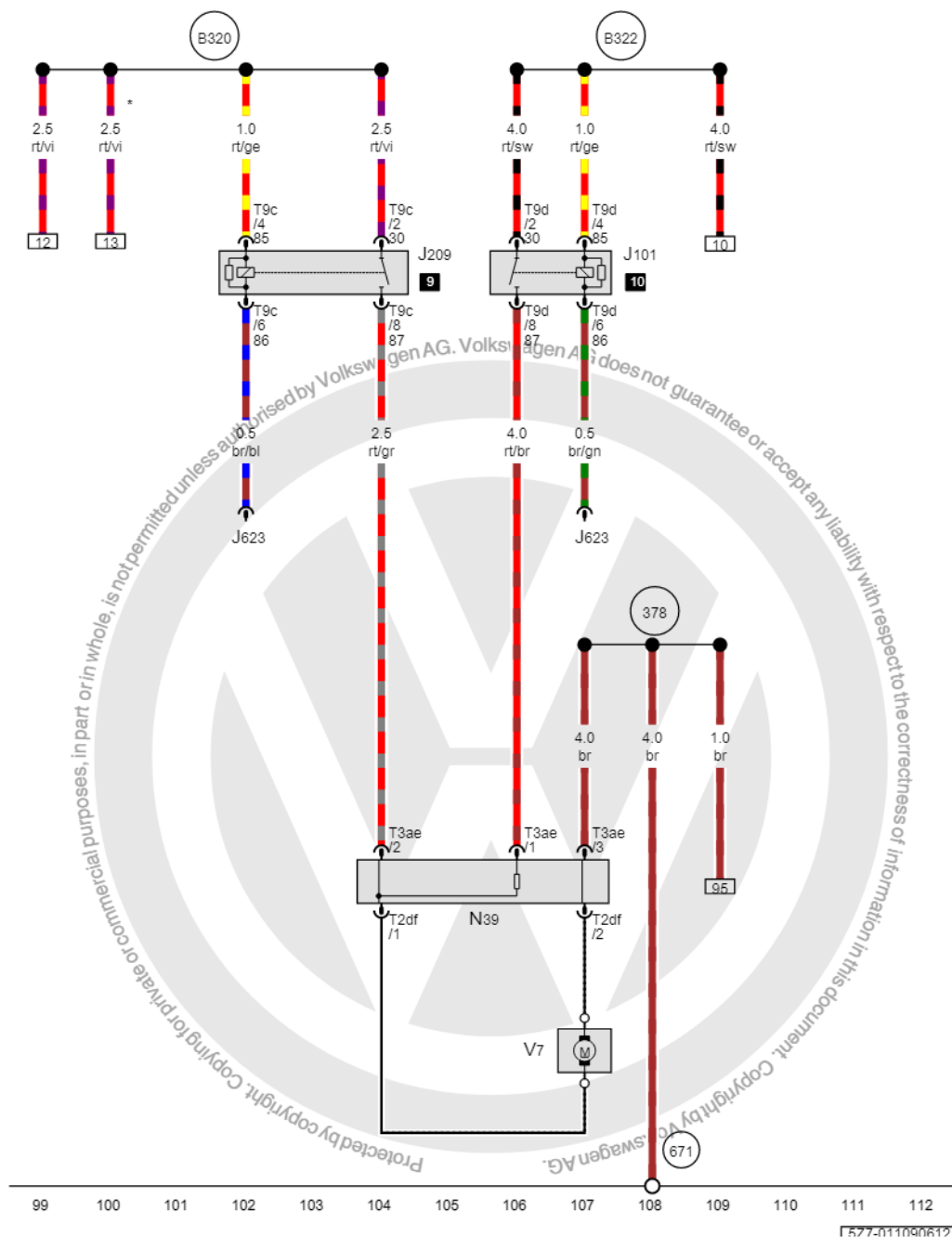


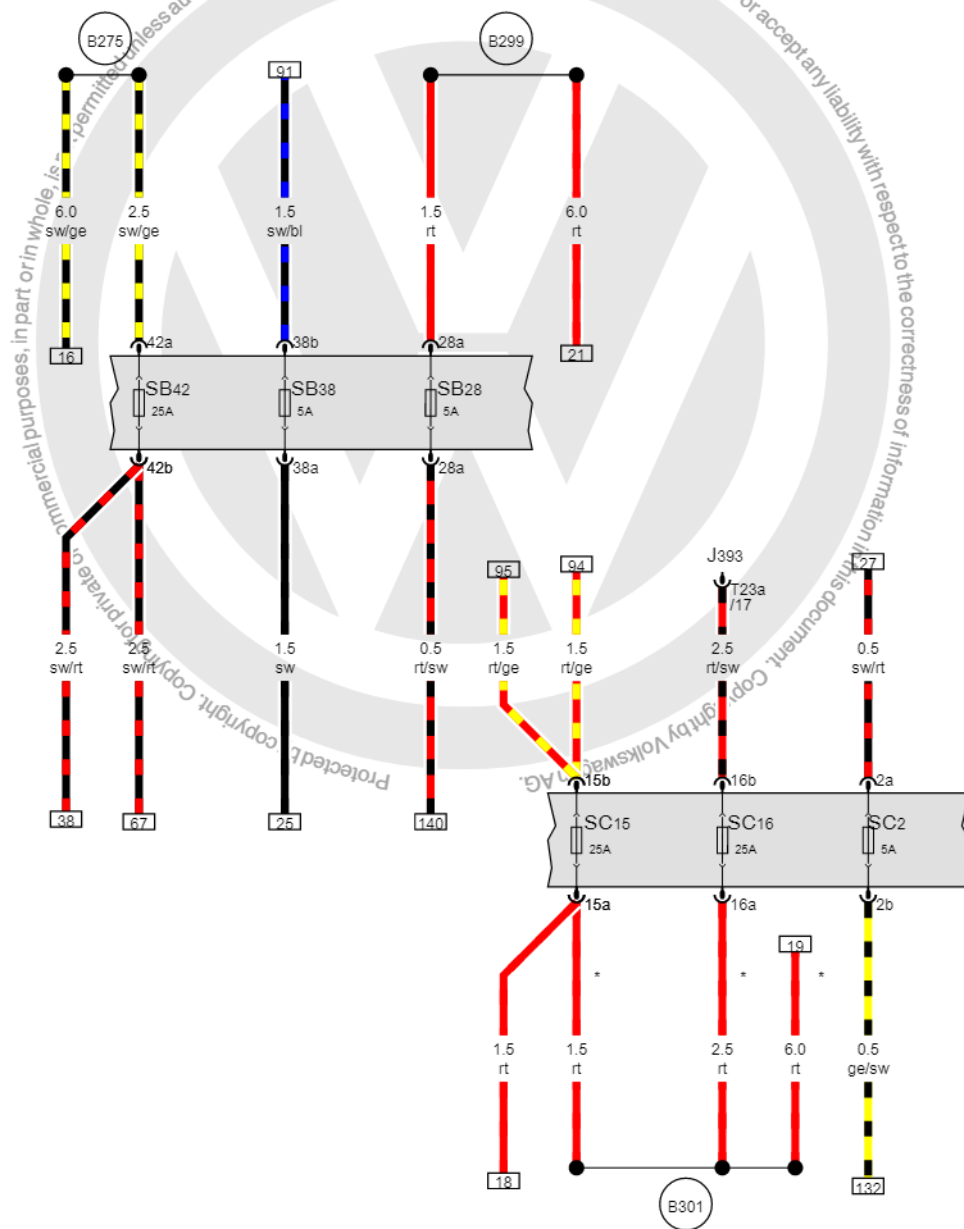
Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan

- J101 Radiator fan 2nd speed relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9d 9-pin connector
- V7 Radiator fan

- 378 Earth connection 13, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B320 Positive connection 6 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- \* From February 2011

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Fuse 2 on fuse holder C, Fuse 15 on fuse holder C, Fuse 16 on fuse holder C, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

- J393 Convenience system central control unit
- SC2 Fuse 2 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T23a 23-pin connector

B275 Positive connection (87), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

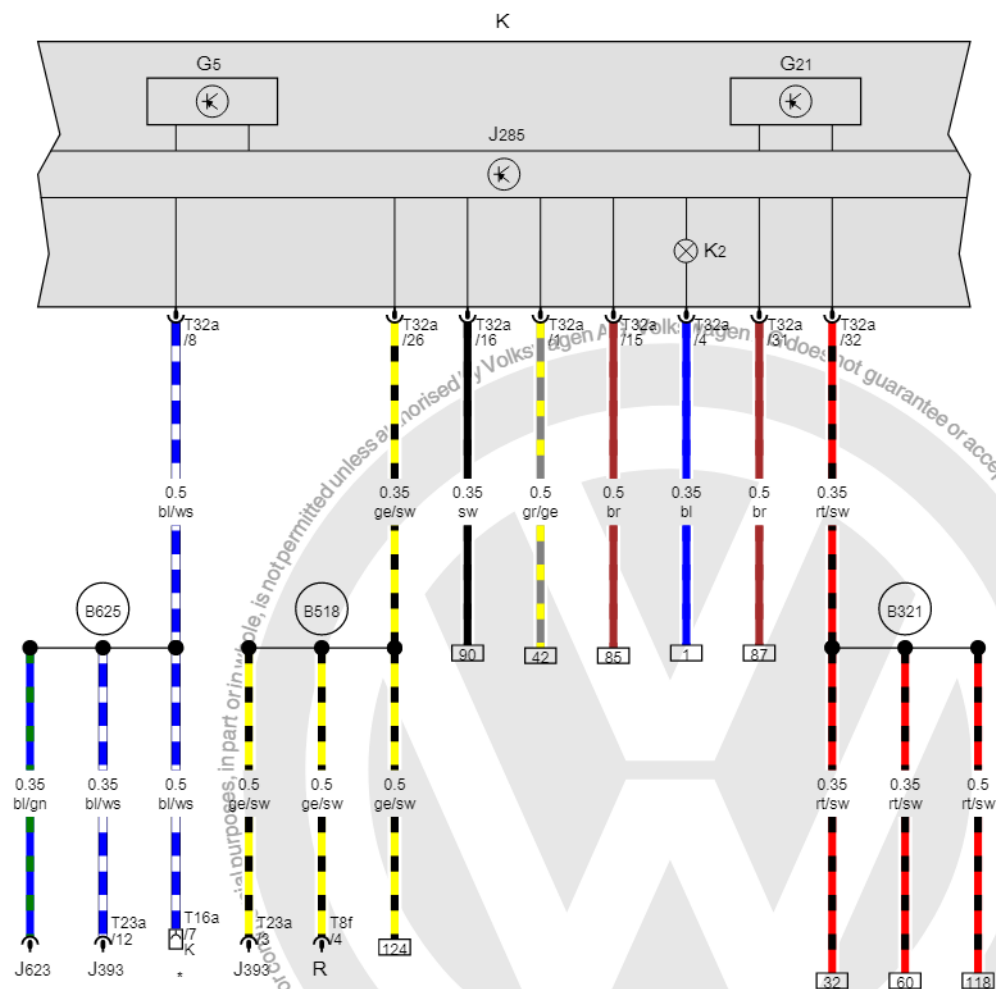
\* For models with convenience system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J393 Convenience system central control unit
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- T8f 8-pin connector
- T16a 16-pin connector
- T23a 23-pin connector
- T32a 32-pin connector

- (B321) Positive connection 7 (30a) in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection



- ws = white
- sw = black
- ro = red
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- br = brown
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- or = orange
- rs = pink

## Radio

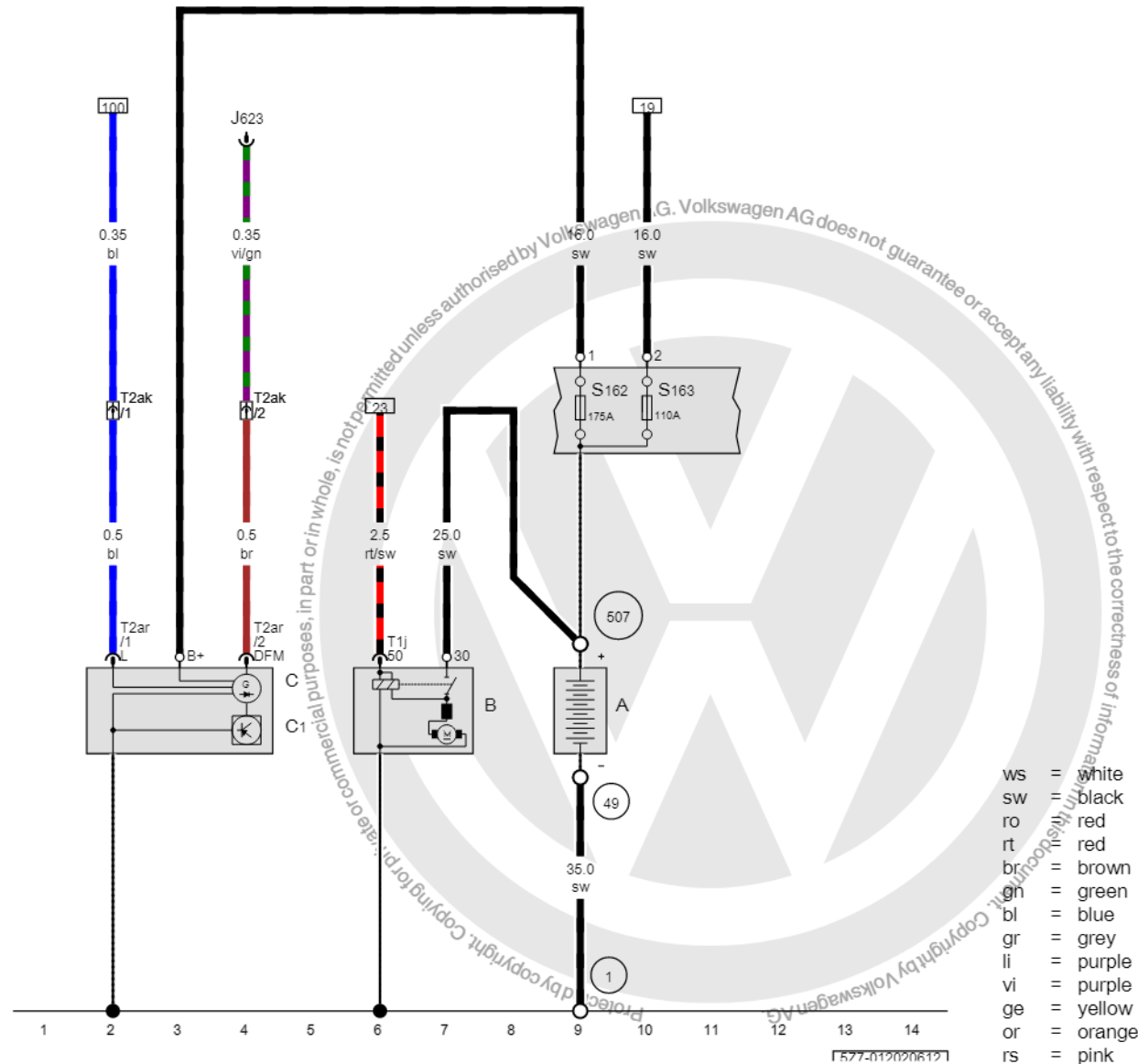
From January 2011



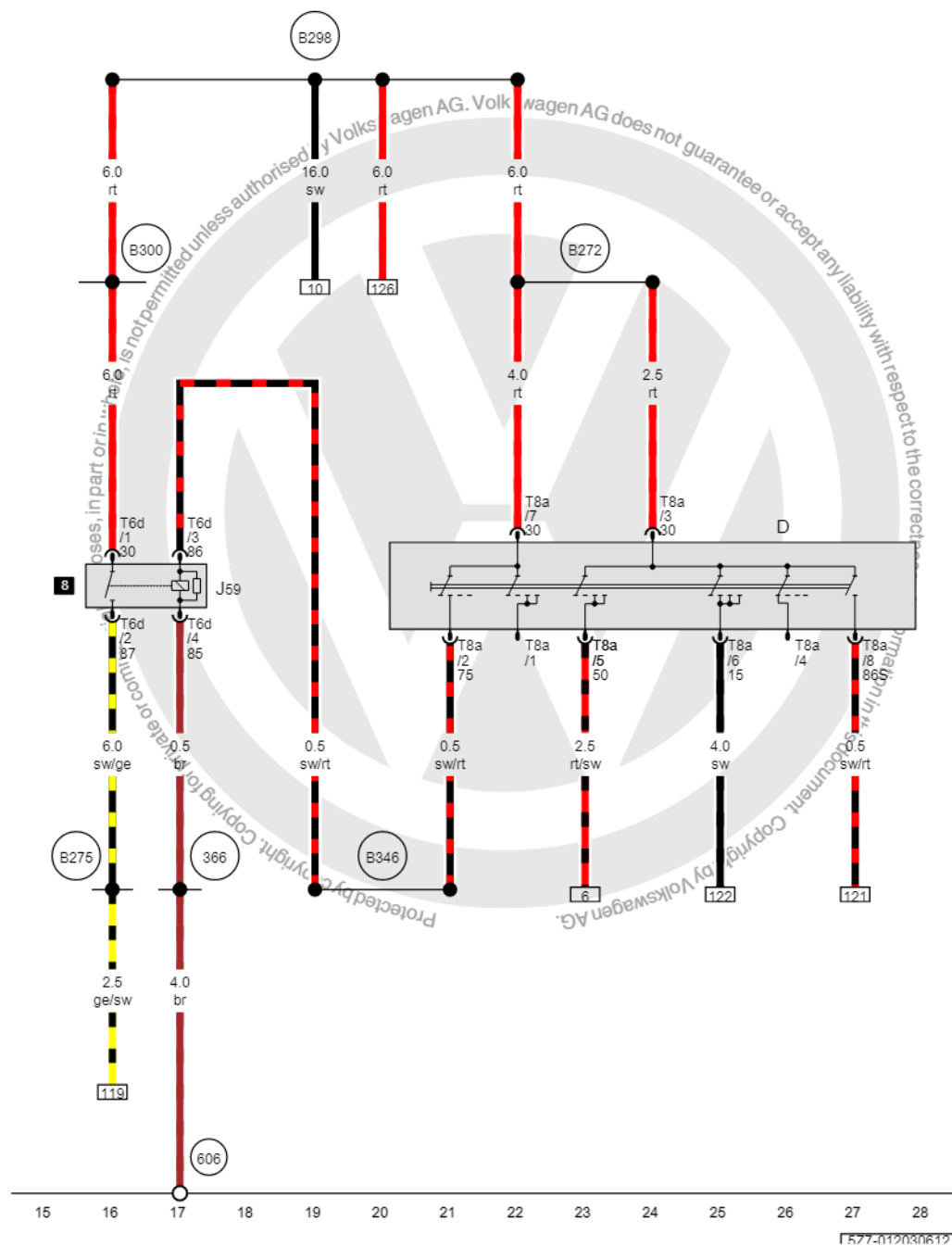
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
- sw = black
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- br = brown
- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



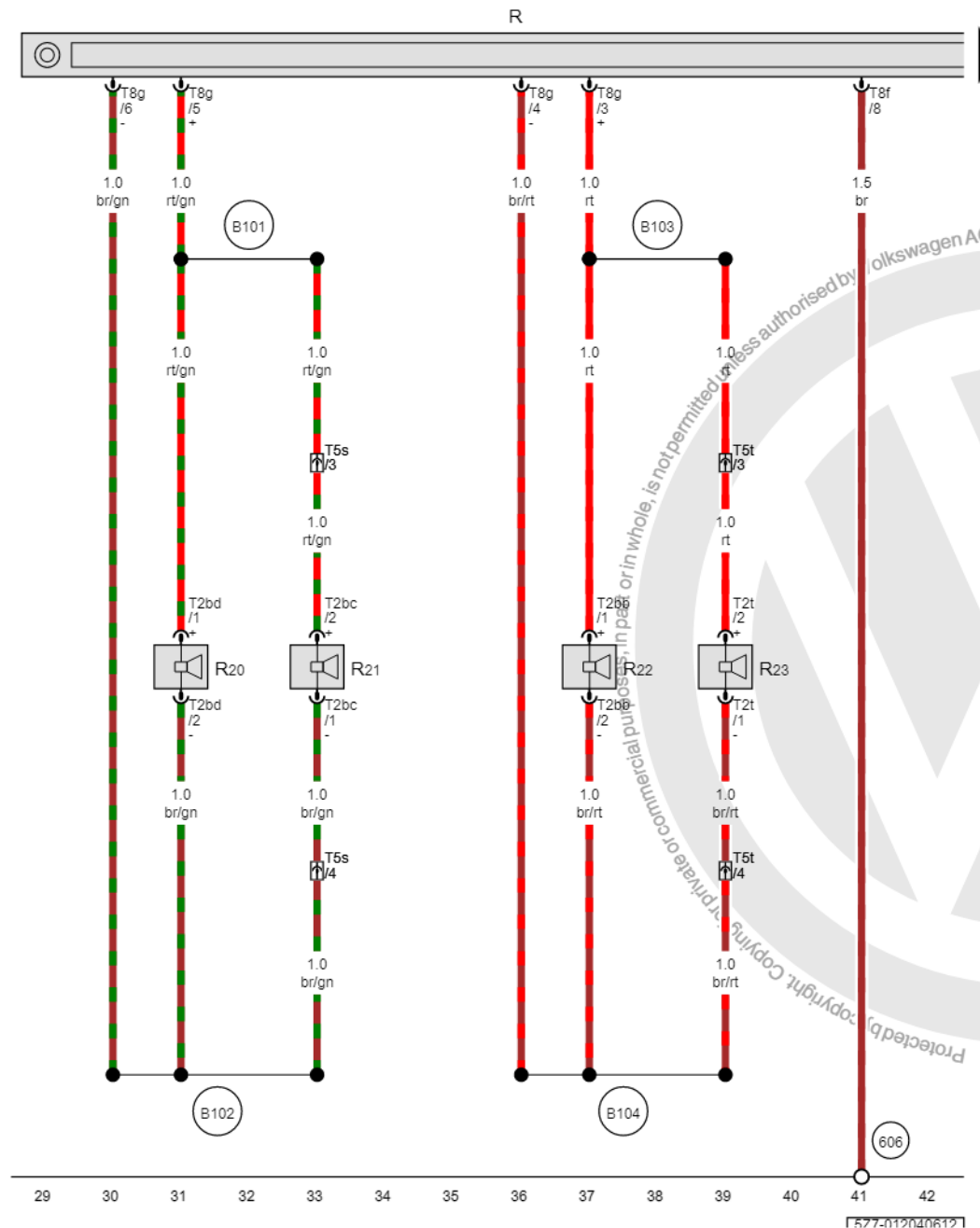
Ignition/starter switch, X-contact relief relay

- |      |   |
|------|---|
| D    | Ignition/starter switch                               |
| J59  | X-contact relief relay                                |
| T6d  | 6-pin connector                                       |
| T8a  | 8-pin connector                                       |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness      |
| B275 | Positive connection (87), in main wiring harness      |
| B298 | Positive connection 2 (30), in main wiring harness    |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B346 | Connection 1 (75), in main wiring harness             |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



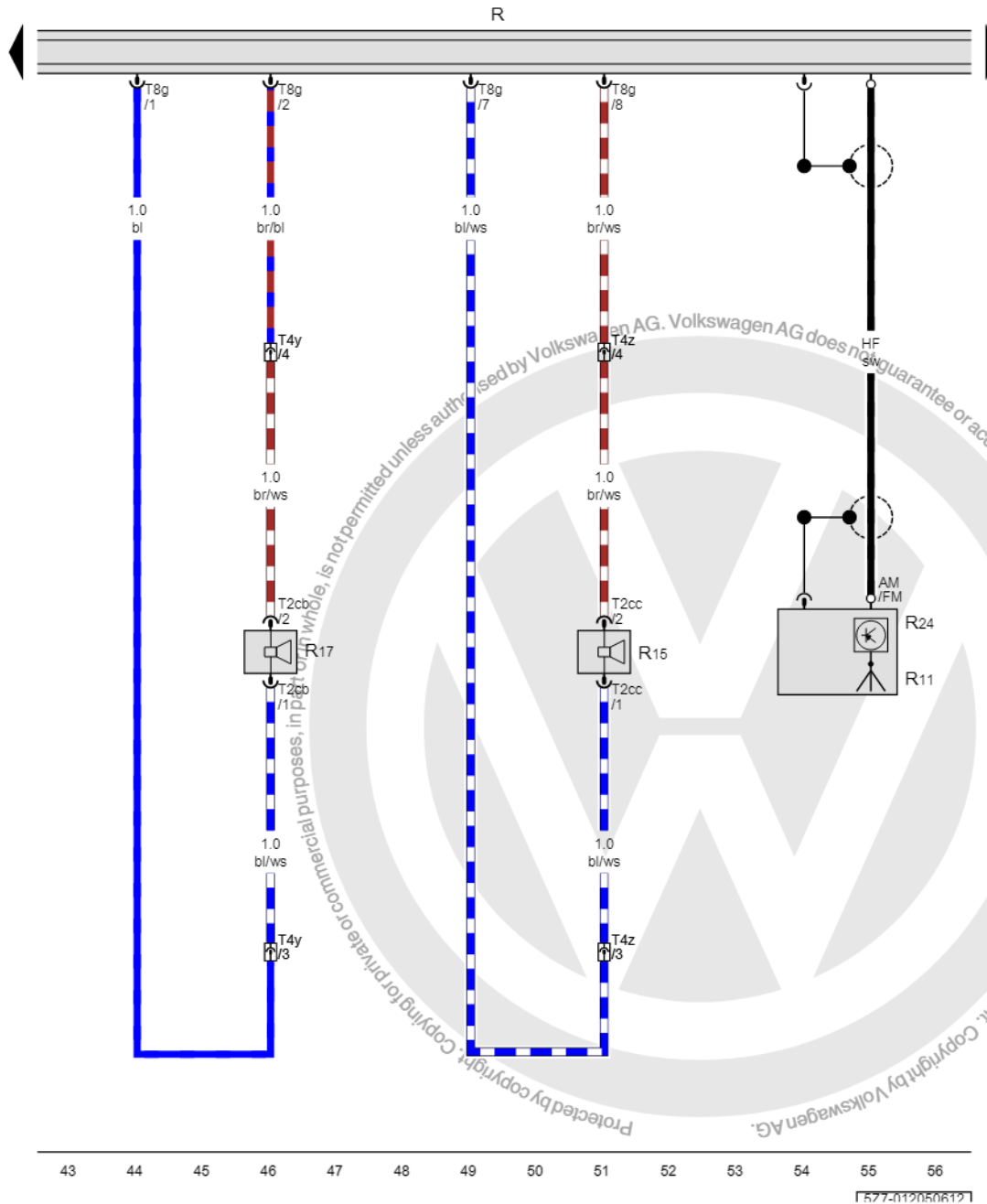
Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker



- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2bb 2-pin connector
- T2bc 2-pin connector
- T2bd 2-pin connector
- T2t 2-pin connector
- T5s 5-pin connector, in driver door
- T5t 5-pin connector, in front passenger door
- T8f 8-pin connector
- T8g 8-pin connector
- 606 Earth point, under the centre console near gear stick
- B101 Connection (positive, front left speaker), in main wiring harness
- B102 Connection (negative, front left speaker), in main wiring harness
- B103 Connection (positive, front right speaker), in main wiring harness
- B104 Connection (negative, front right speaker), in main wiring harness

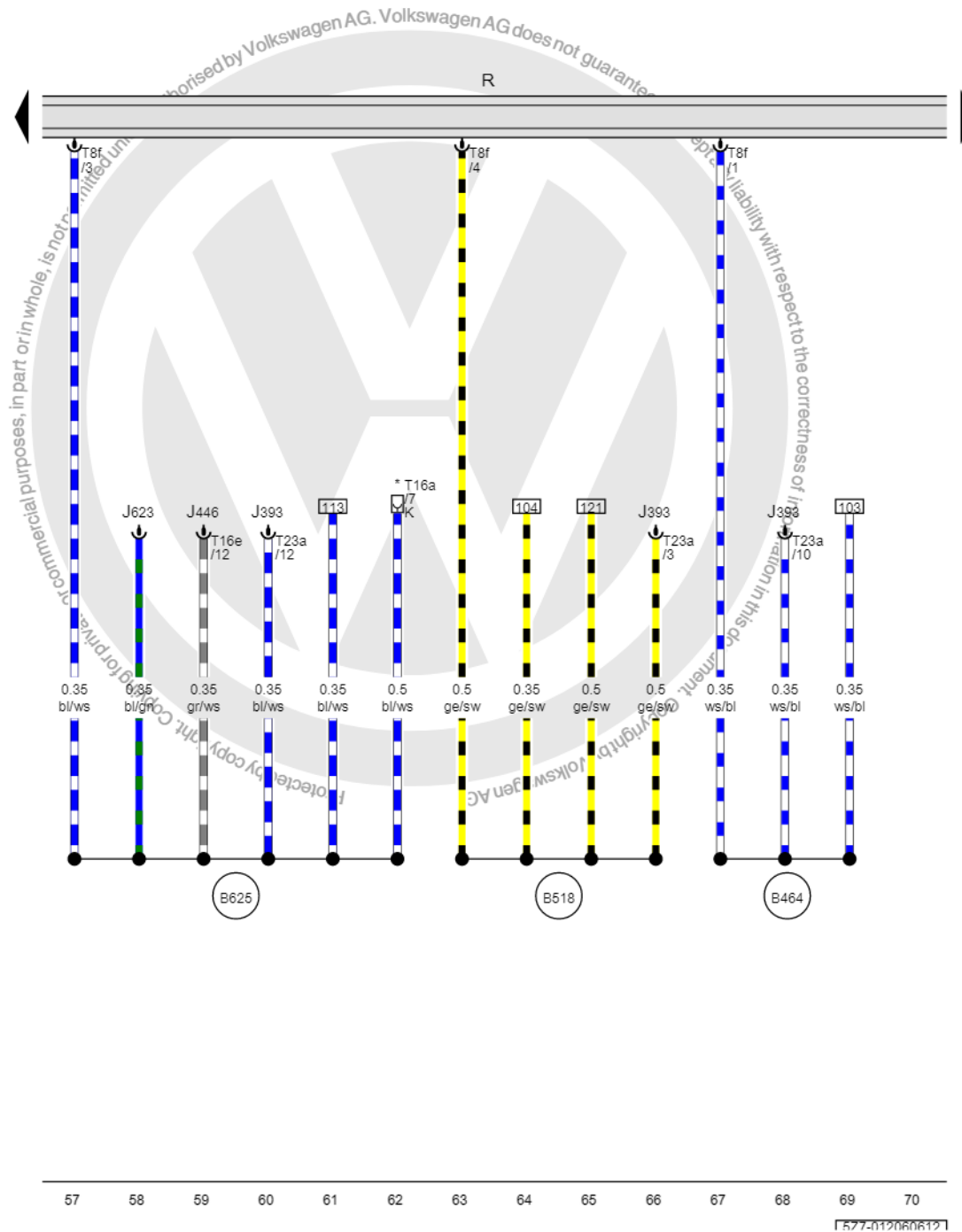
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
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 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Radio, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Aerial amplifier



- R Radio
- R11 Aerial
- R15 Rear left bass loudspeaker
- R17 Rear right bass loudspeaker
- R24 Aerial amplifier
- T2cb 2-pin connector
- T2cc 2-pin connector
- T4y 4-pin connector, in rear right door
- T4z 4-pin connector, in rear left door
- T8g 8-pin connector

- ws = white
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- gn = green
- bl = blue
- gr = grey
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- or = orange
- rs = pink



## Radio

J393 Convenience system central control unit

J446 Parking aid control unit

J623 Engine control unit

R Radio

T8f 8-pin connector

T16a 16-pin connector, on diagnostic connection

T16e 16-pin connector

T23a 23-pin connector

B464 Connection (speed signal), in main wiring harness

B518 Connection (86s), in main wiring harness

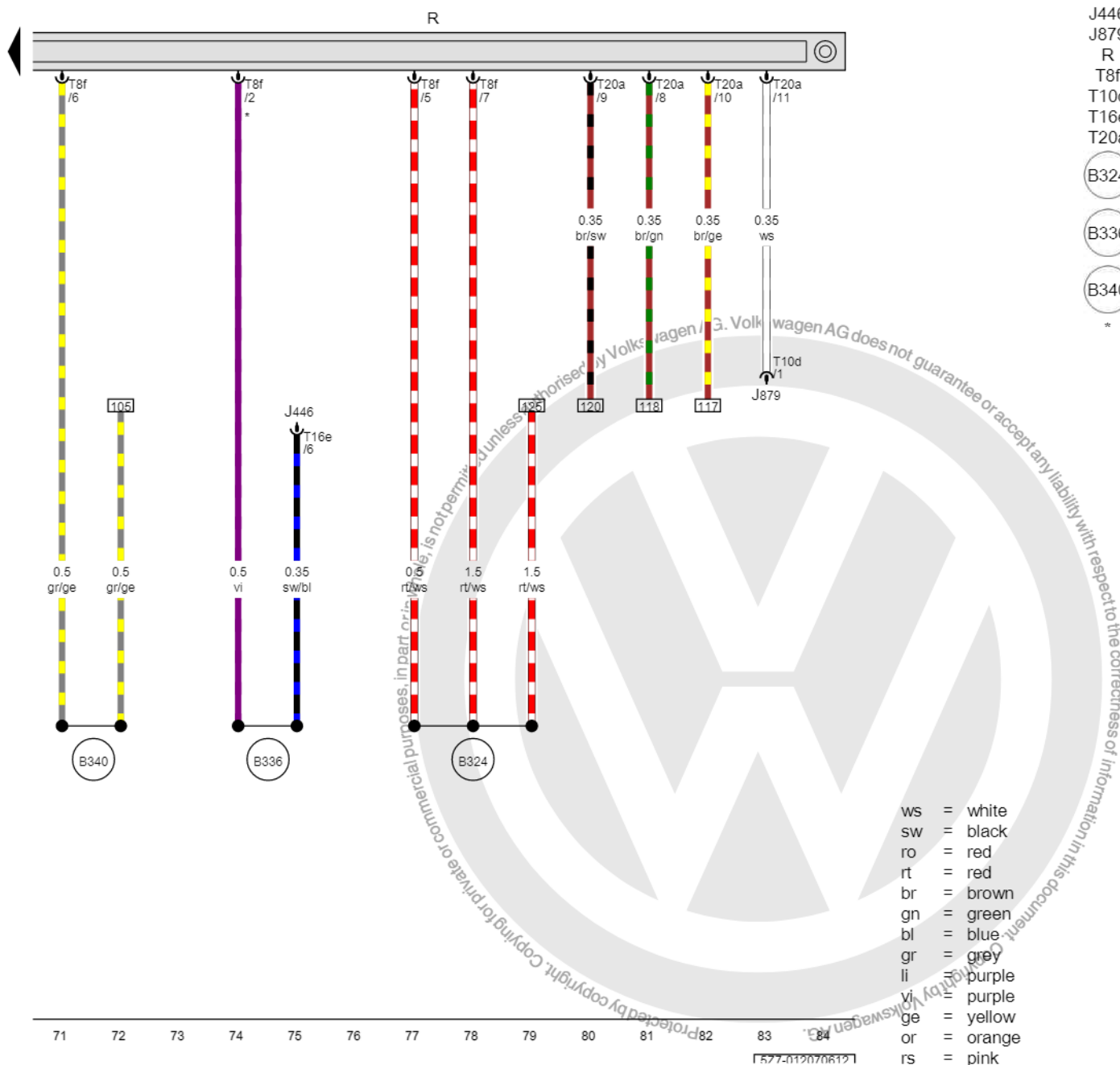
B625 Connection (K-diagnosis wire), in main wiring harness

\* Diagnostic connection

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

## Radio

- |      |   |
|------|---|
| J446 | Parking aid control unit                            |
| J879 | Control unit for interactive system                 |
| R    | Radio   |
| T8f  | 8-pin connector                                     |
| T10d | 10-pin connector                                    |
| T16e | 16-pin connector                                    |
| T20a | 20-pin connector                                    |
| B324 | Positive connection 10 (30a) in main wiring harness |
| B336 | Connection 2 (54), in main wiring harness           |
| B340 | Connection 1 (58d), in main wiring harness          |
- <sup>\*)</sup> Only models with park assist steering



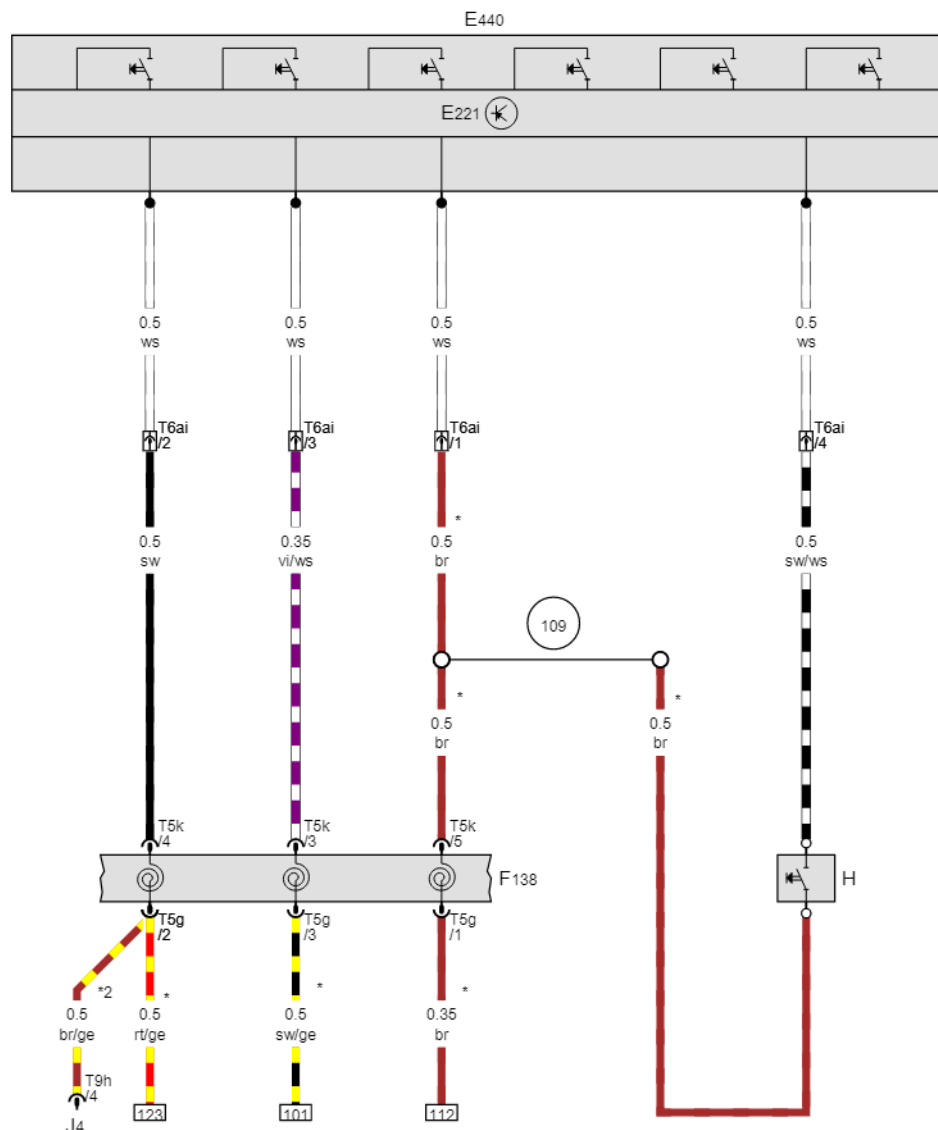
Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J4 Dual tone horn relay
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T9h 9-pin connector

109 Earth connection, in airbag wiring harness

\* Only models with operating unit for radio

\*2 Only models with airbag



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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- T16a 16-pin connector, on diagnostic connection
- T32a 32-pin connector

367 Earth connection 2, in main wiring harness

605 Earth point, on top end of steering column

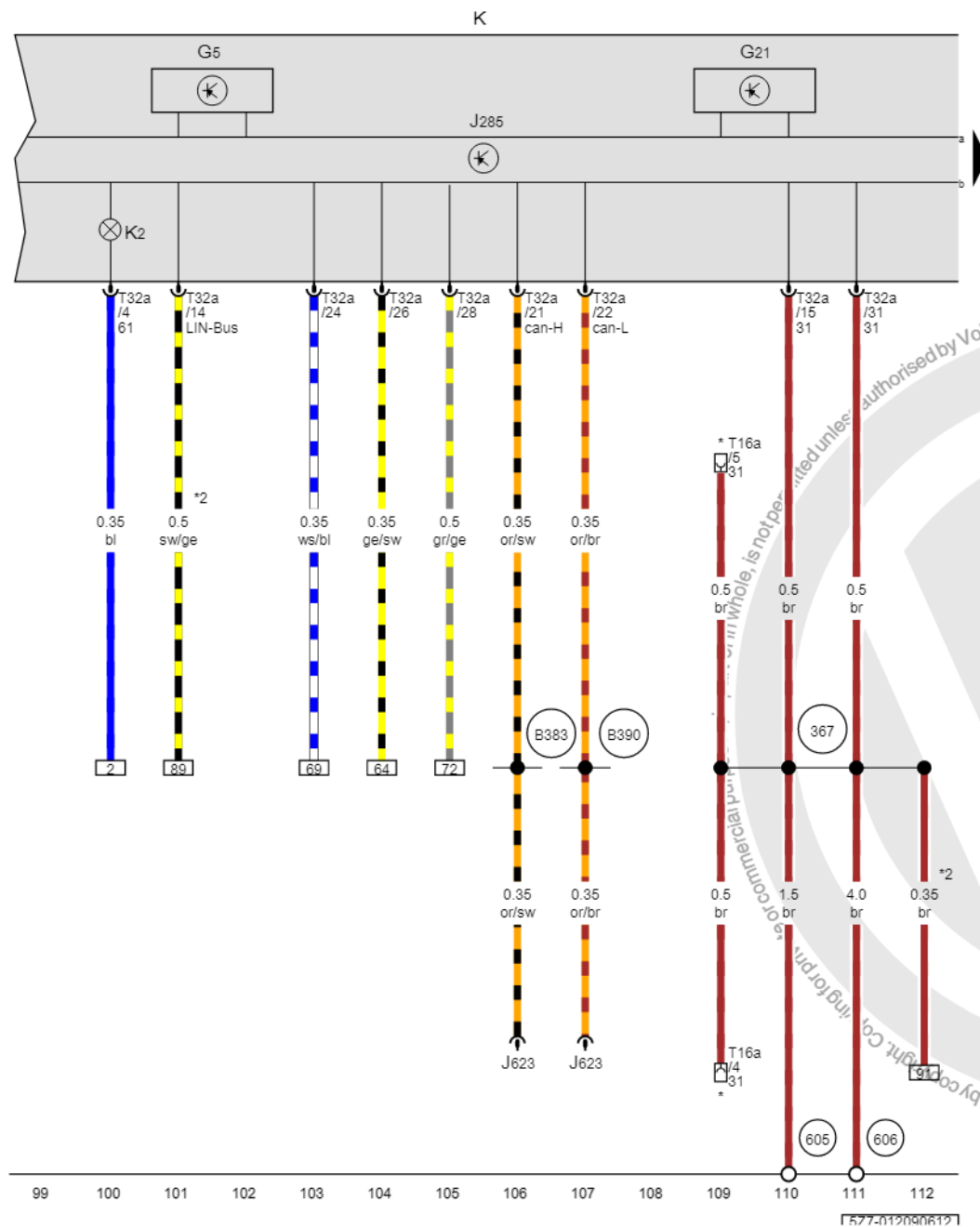
606 Earth point, under the centre console near gear stick

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

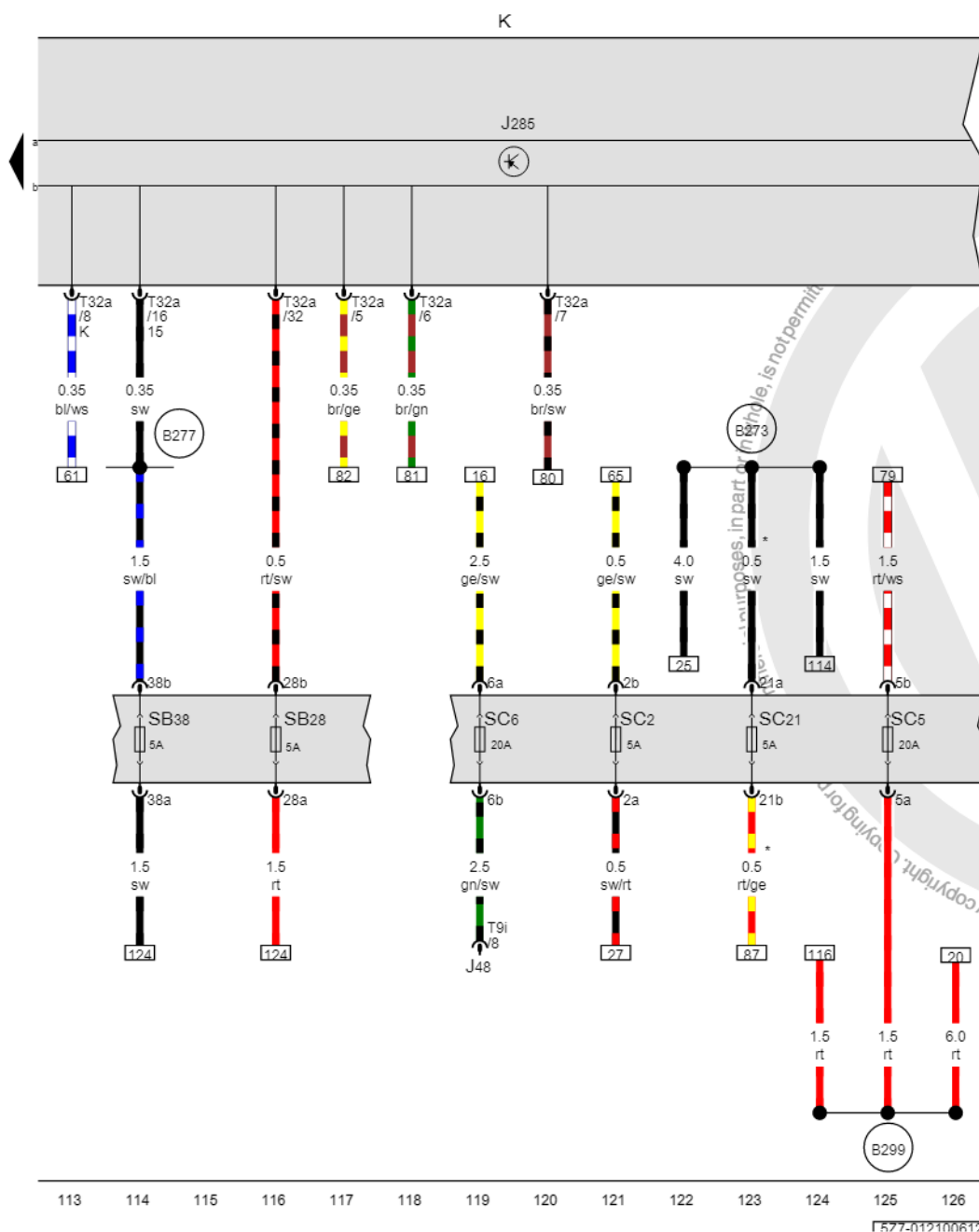
\* Diagnostic connection

\*2 Only models with operating unit for radio



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert, Dash panel insert



- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC2 Fuse 2 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T9i 9-pin connector
- T32a 32-pin connector

- (B273) Positive connection (15), in main wiring harness
- (B277) Positive connection 1 (15a) in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- \* Only models with operating unit for radio

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- ge = yellow
- or = orange
- rs = pink

## Window wash/wipe system and heated rear window

From January 2011

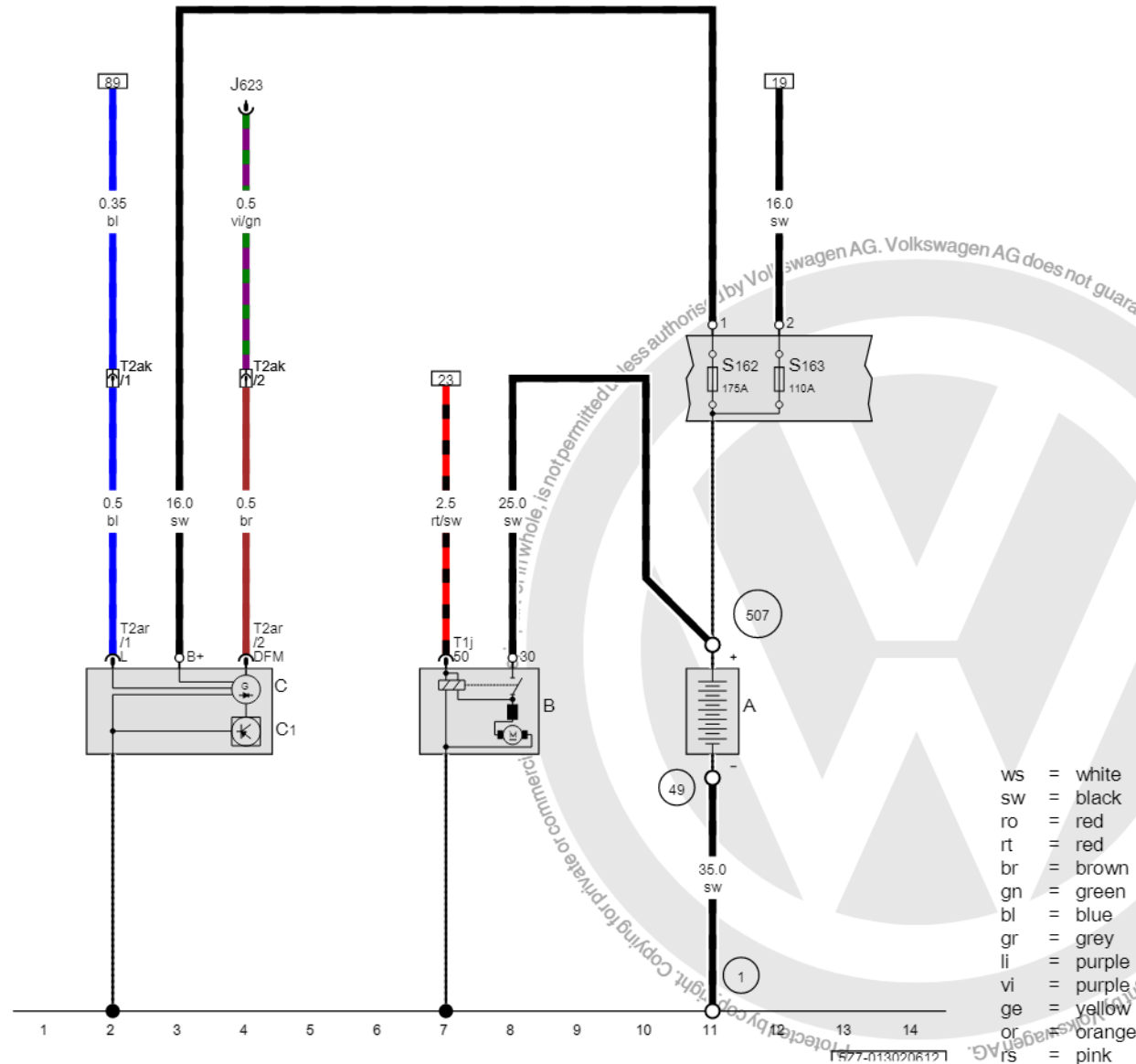




Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

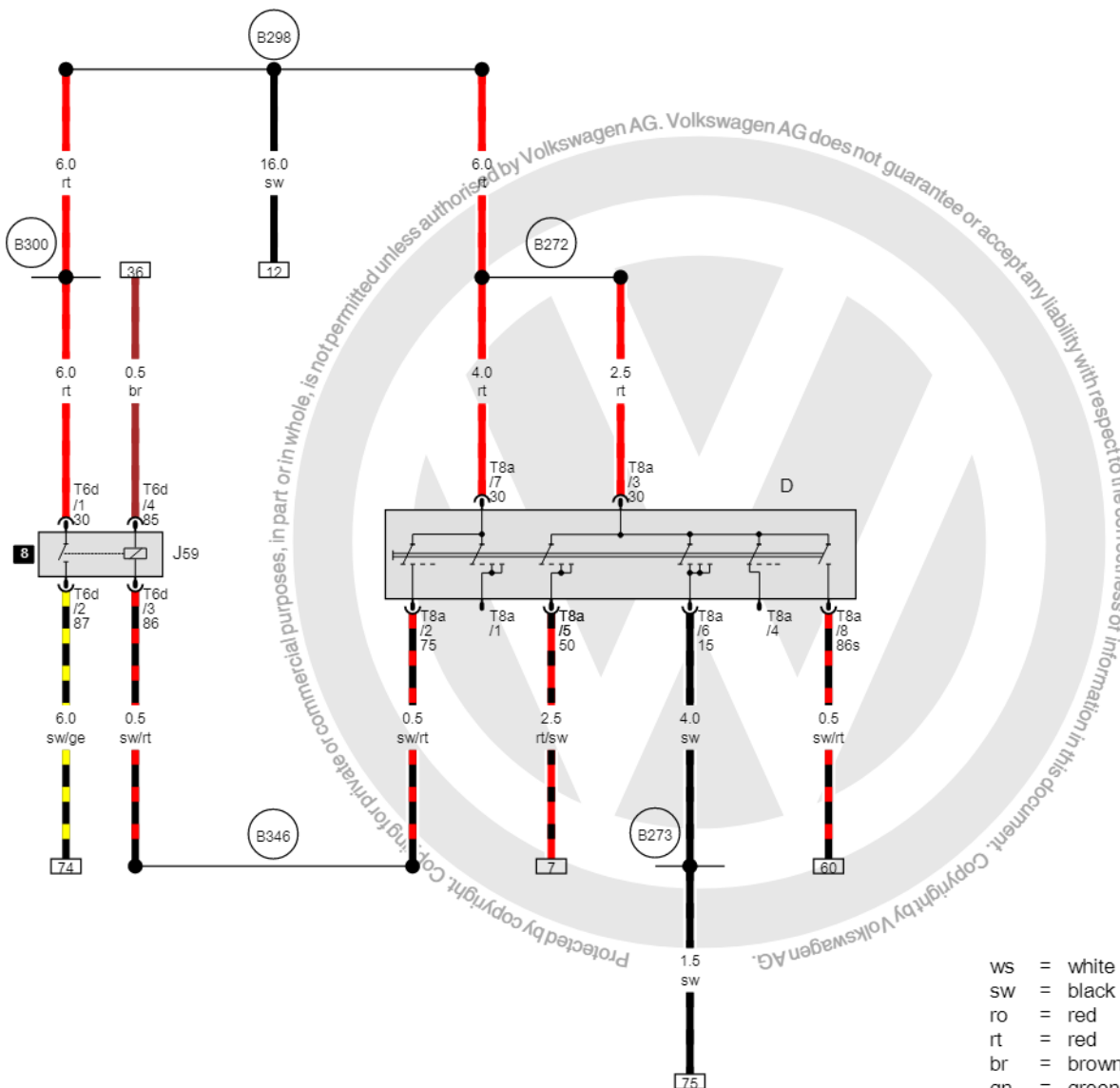
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



Ignition/starter switch, X-contact relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
T6d 6-pin connector  
T8a 8-pin connector

B272 Positive connection (30), in main wiring harness  
B273 Positive connection (15), in main wiring harness  
B298 Positive connection 2 (30), in main wiring harness  
B300 Positive connection 4 (30), in main wiring harness  
B346 Connection 1 (75), in main wiring harness



ws = white  
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gn = green  
bl = blue  
gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe relay

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- J31 Automatic intermittent wash and wipe relay
- J932 Automatic intermittent wash and wipe control unit
- T8c 8-pin connector
- T9f 9-pin connector
- T18c 18-pin connector

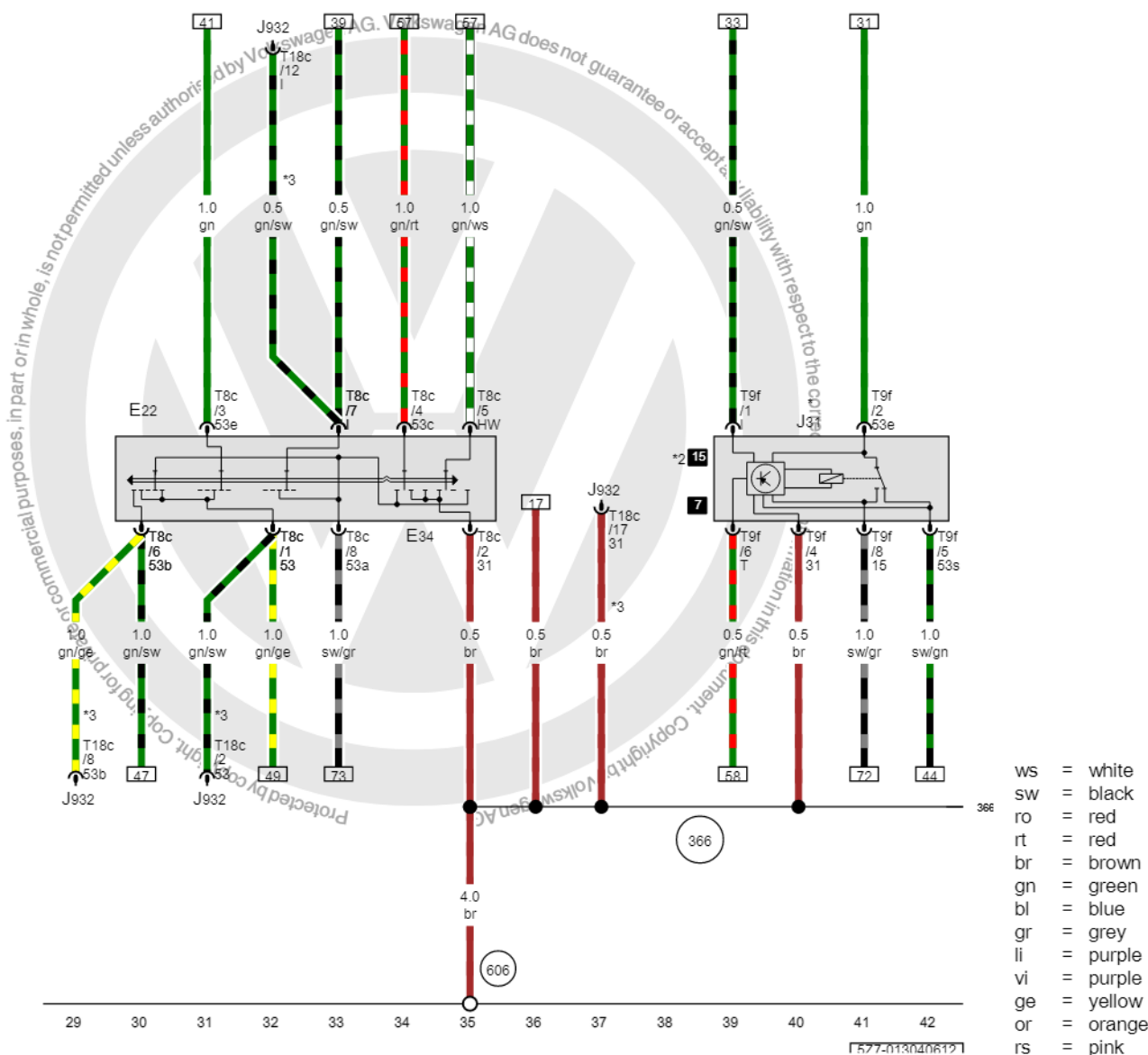
366 Earth connection 1, in main wiring harness

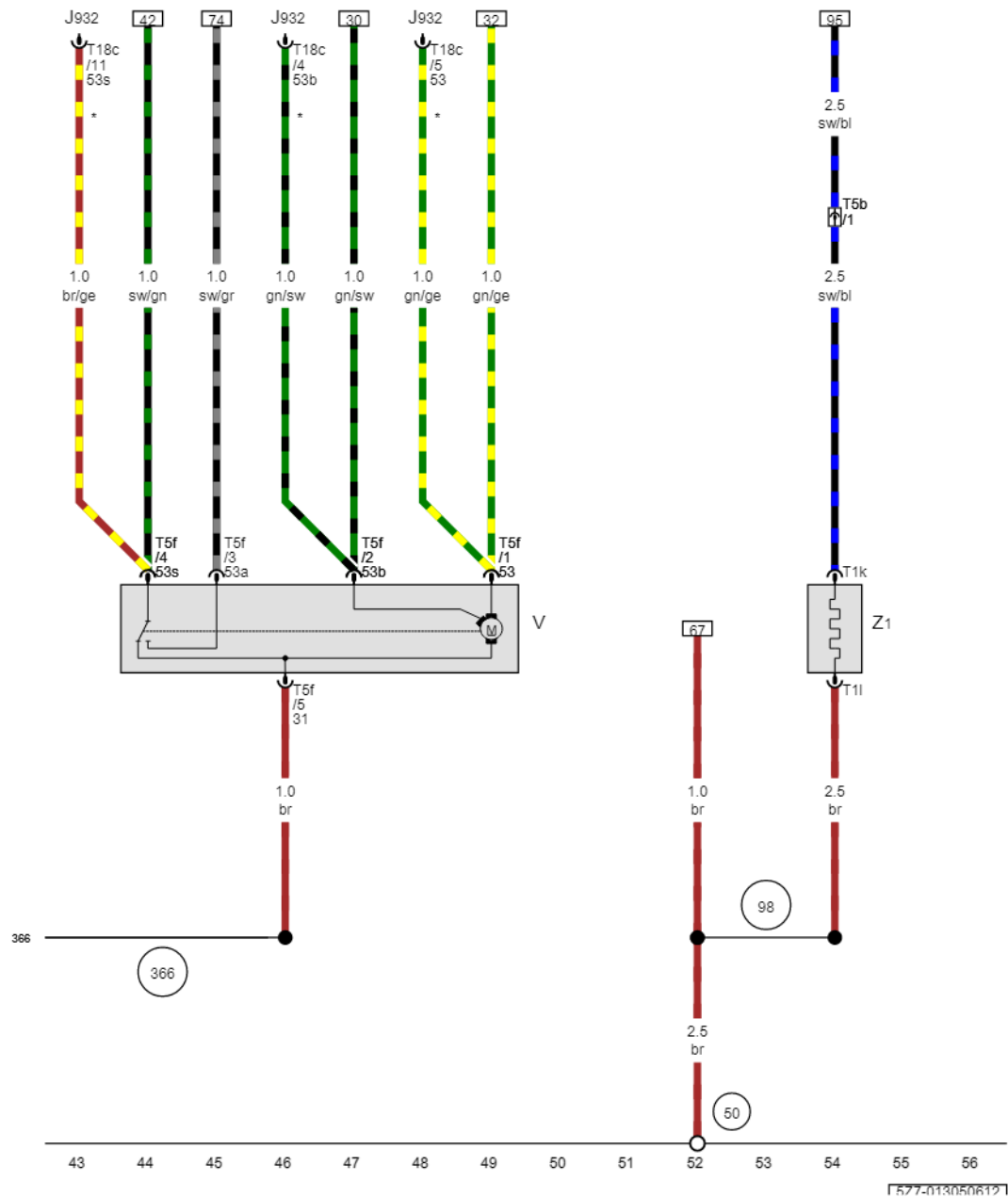
606 Earth point, under the centre console near gear stick

\* Only models with no rain and light sensor

\*2 From October 2011

\*3 Only models with rain and light sensor





Windscreen wiper motor, Heated rear window

- |      |  |
|------|--|
| J932 | Automatic intermittent wash and wipe control unit            |
| T1k  | Single connector   |
| T1l  | Single connector   |
| T5b  | 5-pin connector, behind rear left side trim, near wheel arch |
| T5f  | 5-pin connector  |
| T18c | 18-pin connector   |
| V    | Windscreen wiper motor                                       |
| Z1   | Heated rear window   |

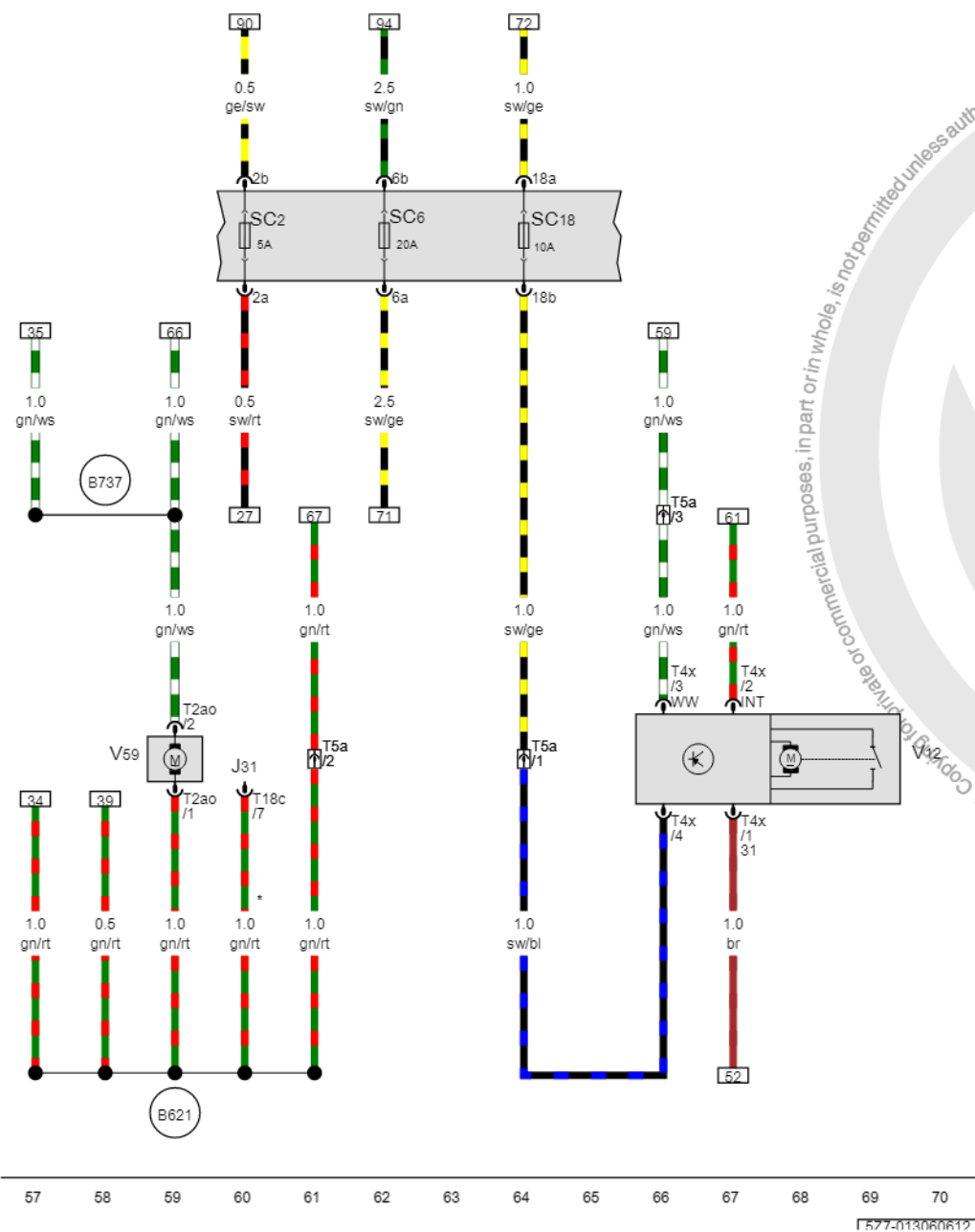
- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 366 Earth connection 1, in main wiring harness

Only models with rain and light sensor

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Rear window wiper motor, Windscreen and rear window washer pump

- J31 Automatic intermittent wash and wipe relay
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T2ao 2-pin connector
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T18c 18-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness
- \* Only models with rain and light sensor



Intermittent wiper regulator, Multifunction display call-up button, Heated rear window button

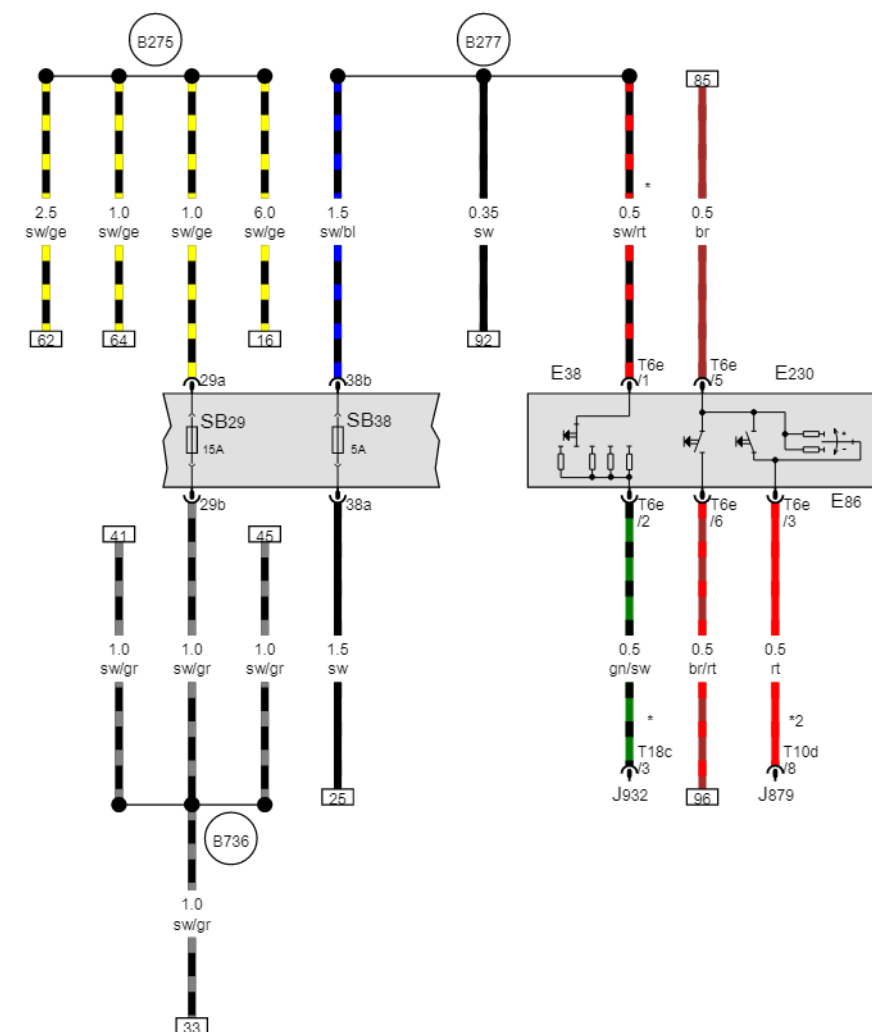
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- E230 Heated rear window button
- J879 Control unit for interactive system
- J932 Automatic intermittent wash and wipe control unit
- SB29 Fuse 29 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T6e 6-pin connector
- T10d 10-pin connector
- T18c 18-pin connector

B275 Positive connection (87), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

B736 Positive connection (53a), in main wiring harness

- \* Only models with rain and light sensor
- \*2 For models with interactive system

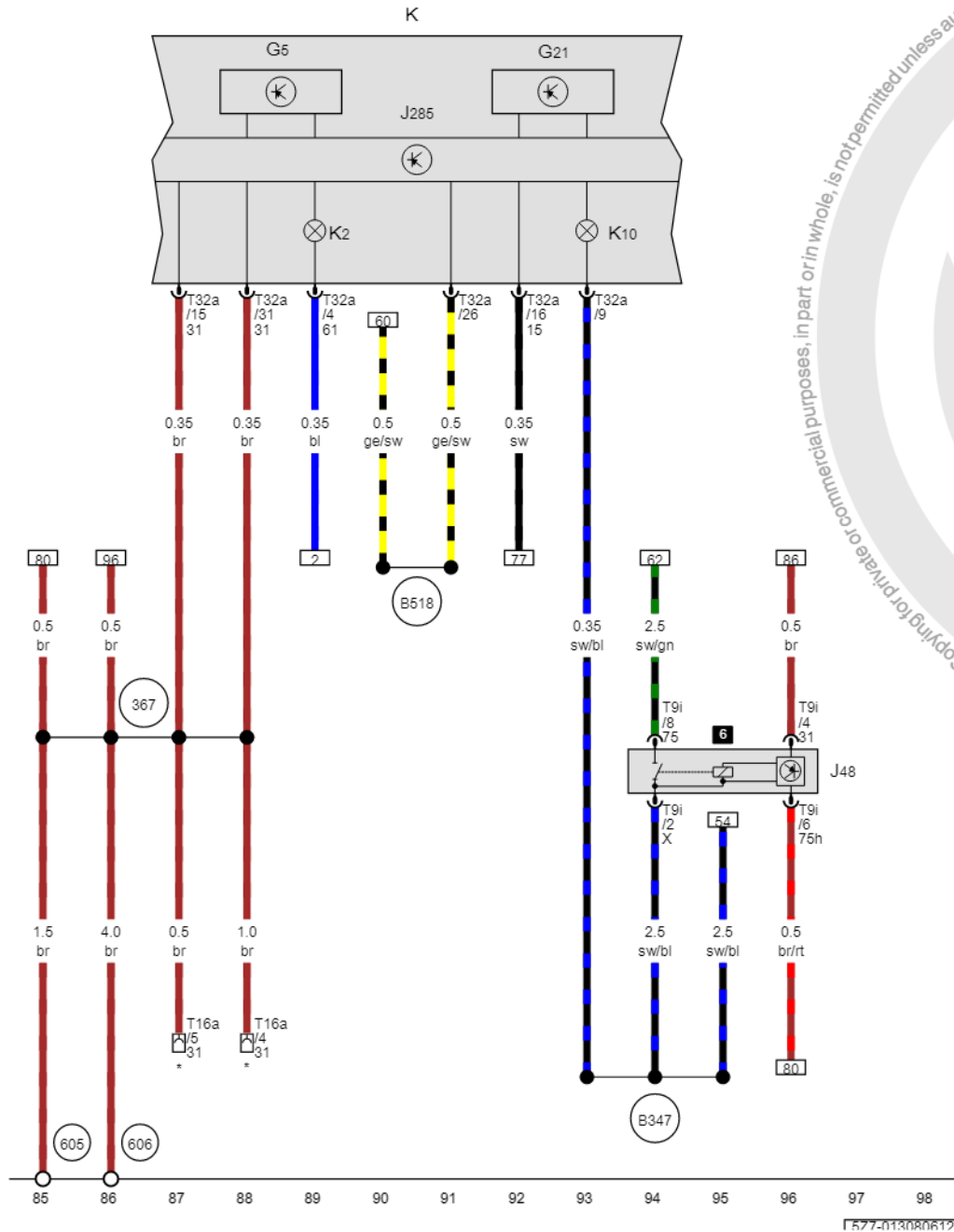


- ws = white
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- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Heated rear window control relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Heated rear window warning lamp

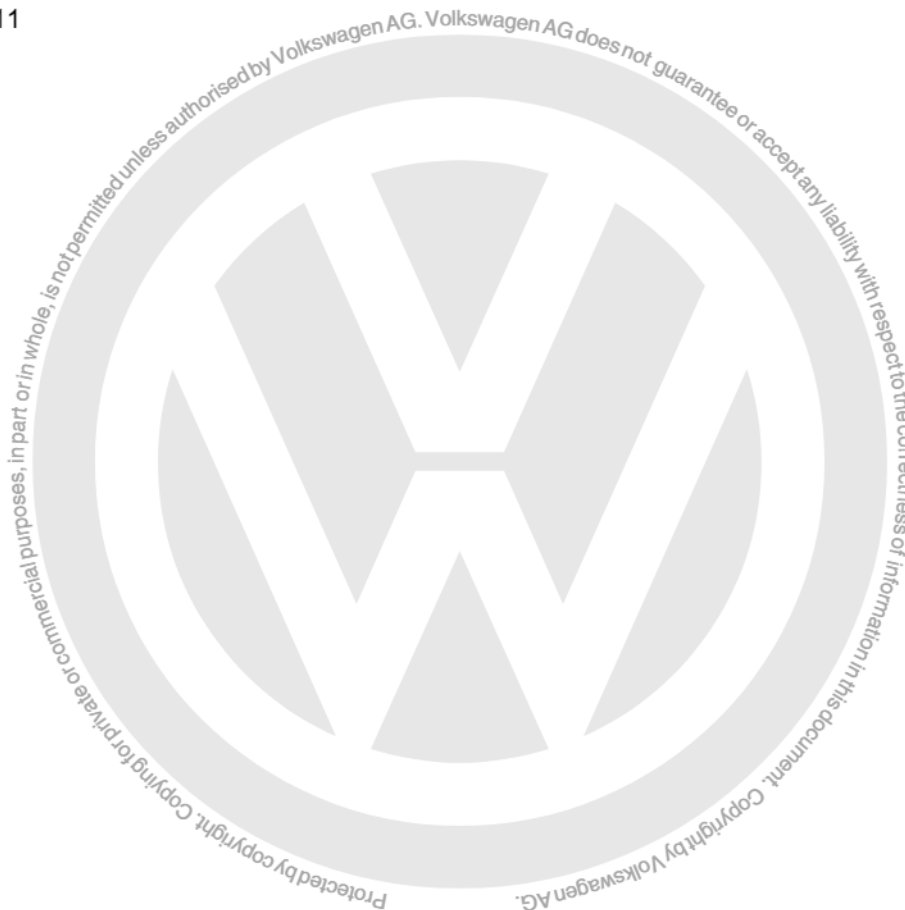
- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K10 Heated rear window warning lamp
- T9i 9-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B347 Connection 2 (75), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Diagnostic connection



## Interactive system

From January 2011

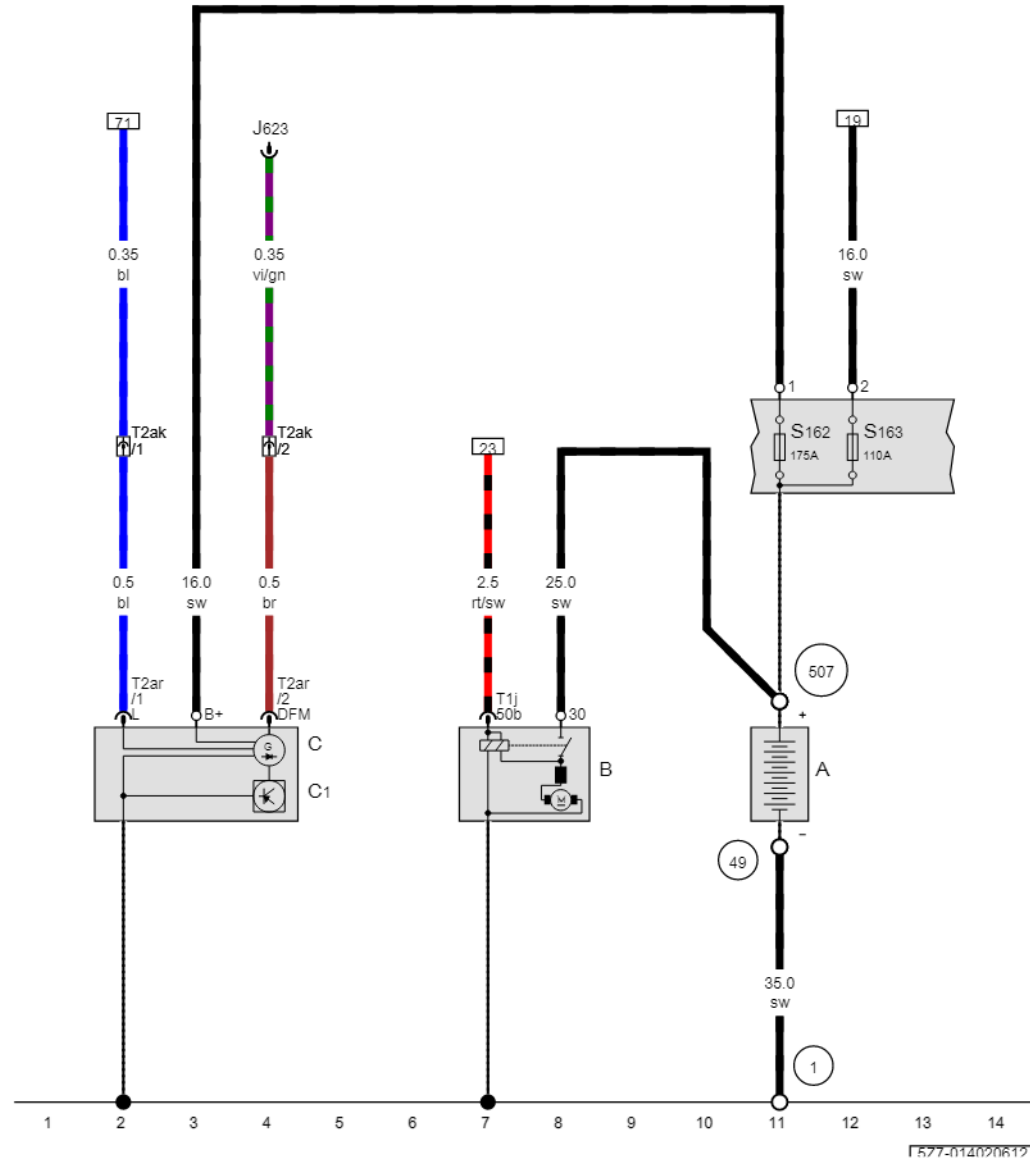




Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

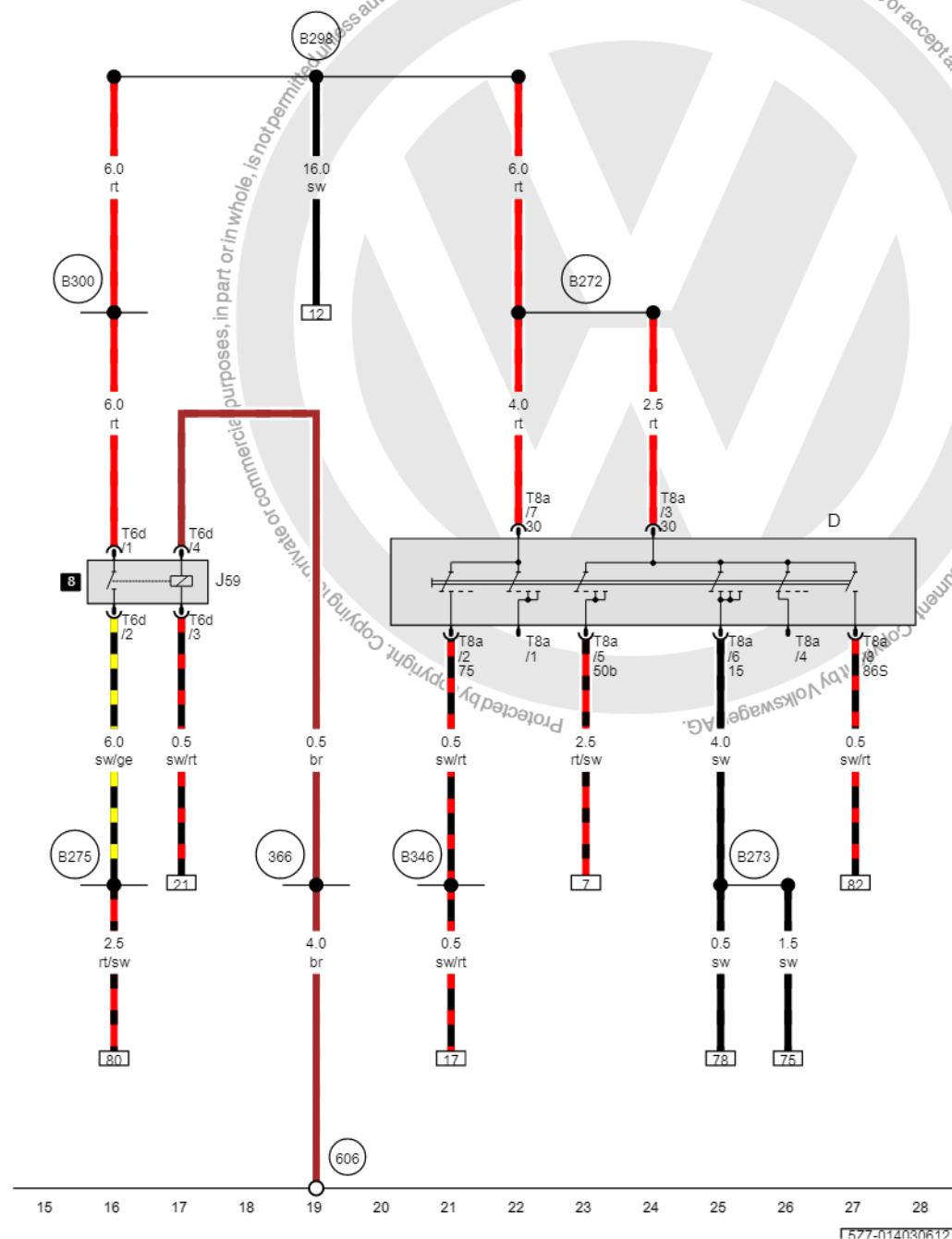


- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Ignition/starter switch, X-contact relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
T6d 6-pin connector  
T8a 8-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

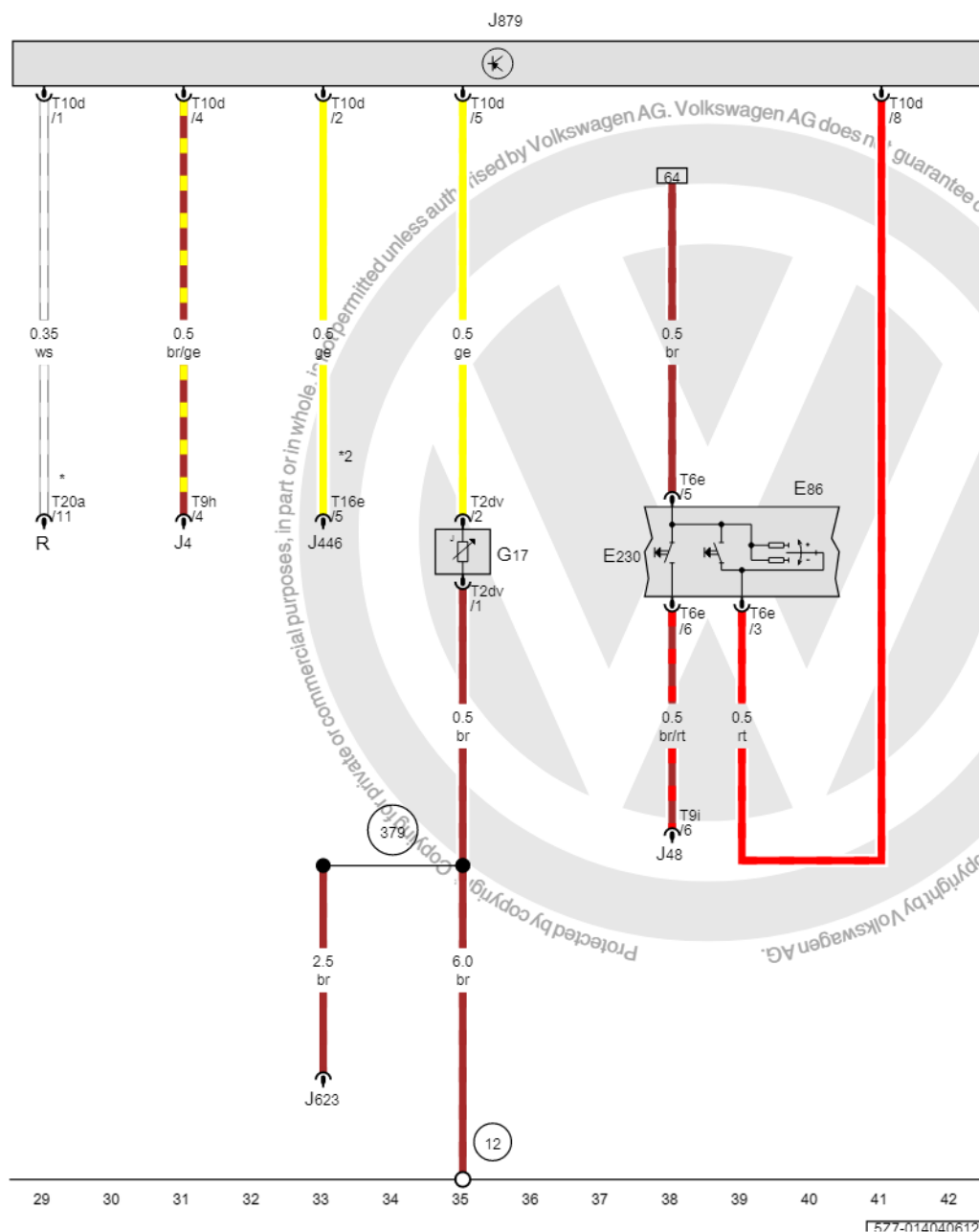


ws = white  
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gr = grey  
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vi = purple  
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rs = pink

Multifunction display call-up button, Heated rear window button, Ambient temperature sensor, Control unit for interactive system

- E86 Multifunction display call-up button
- E230 Heated rear window button
- G17 Ambient temperature sensor
- J4 Dual tone horn relay
- J48 Heated rear window control relay
- J446 Parking aid control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- R Radio
- T2dv 2-pin connector
- T6e 6-pin connector
- T9h 9-pin connector
- T9i 9-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector

- 12 Earth point, on left in engine compartment
- 379 Earth connection 14, in main wiring harness
- \* Only models with operating unit for radio
- \*2 Only models with park assist steering

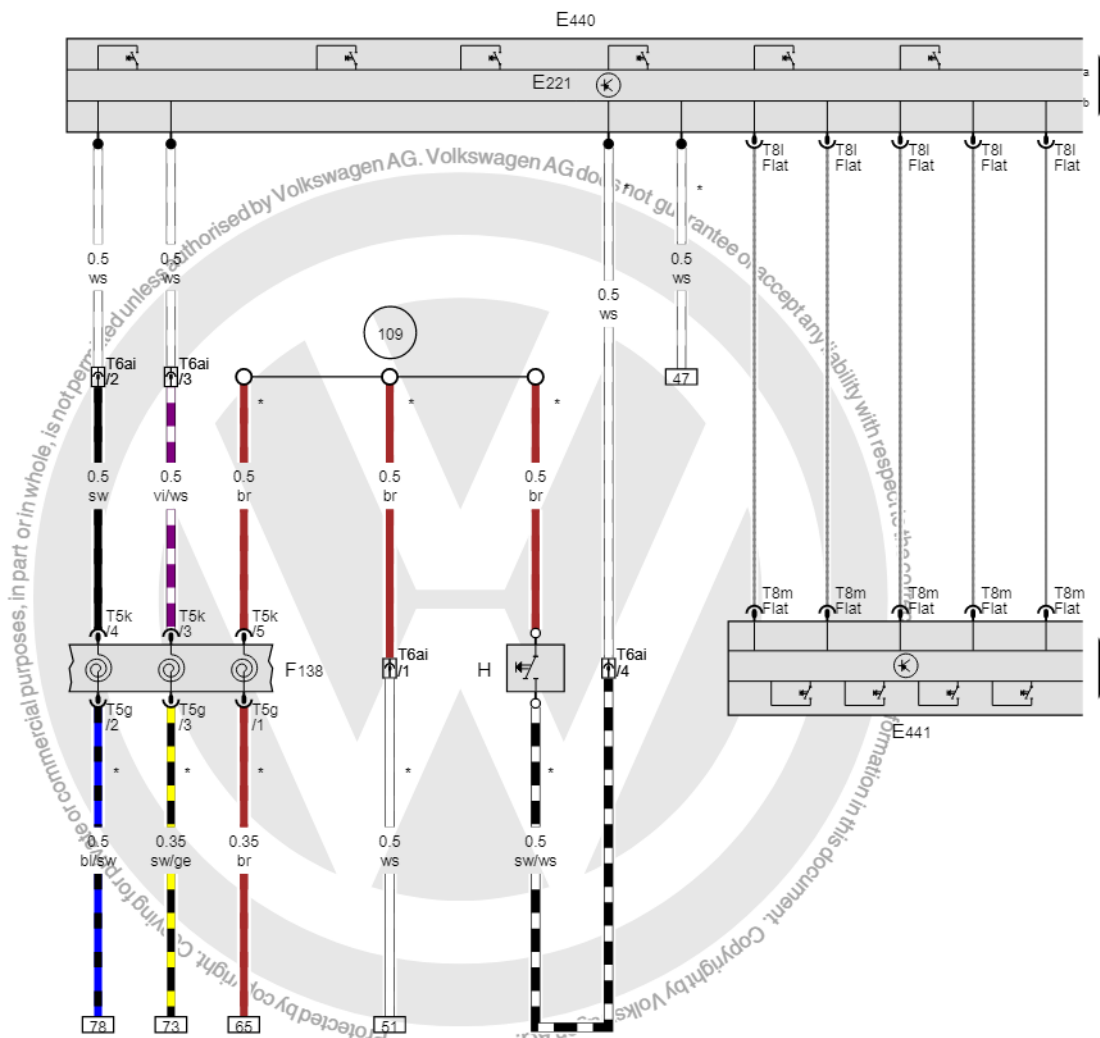


Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

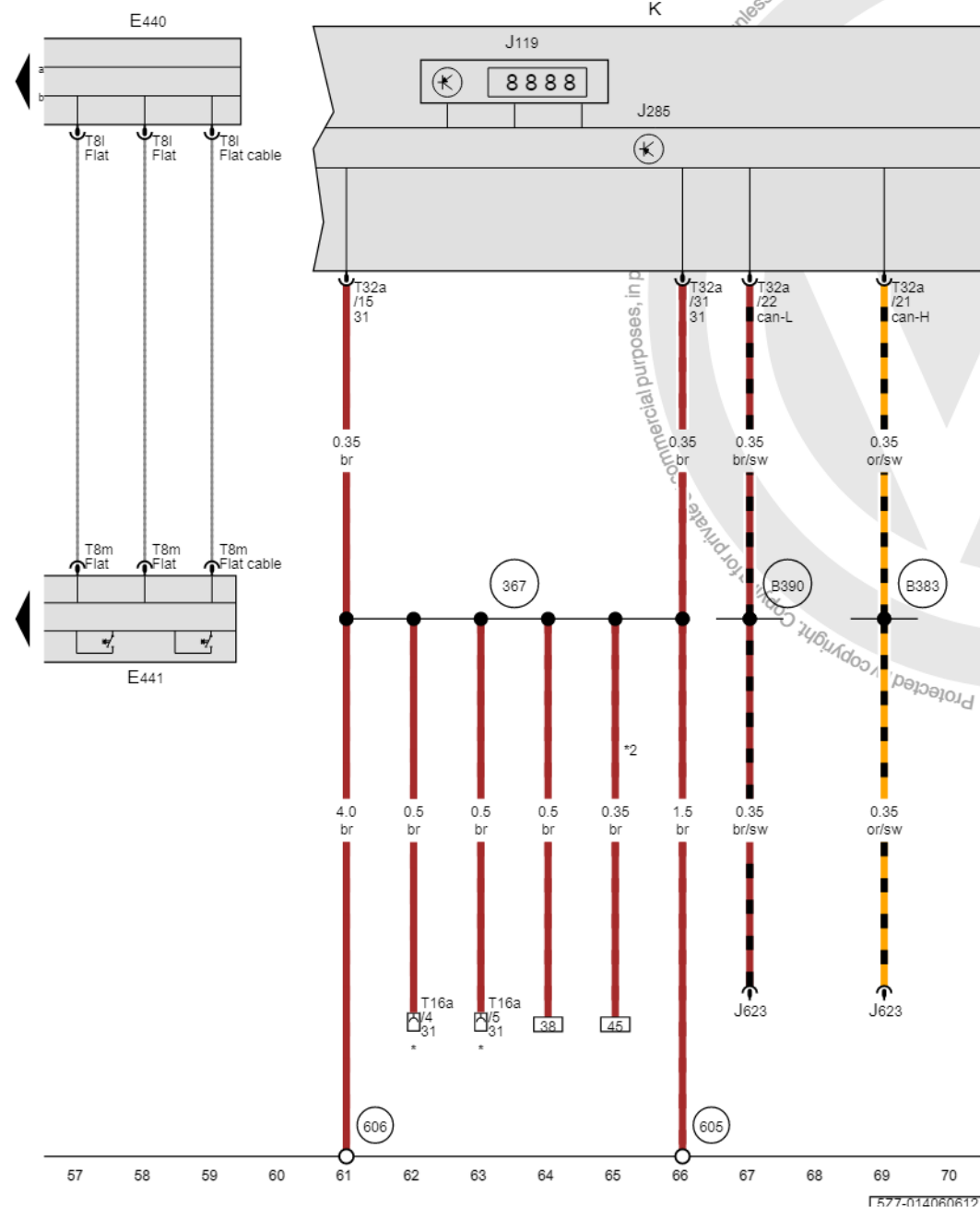
- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

109 Earth connection, in airbag wiring harness

\* Only models with operating unit for radio



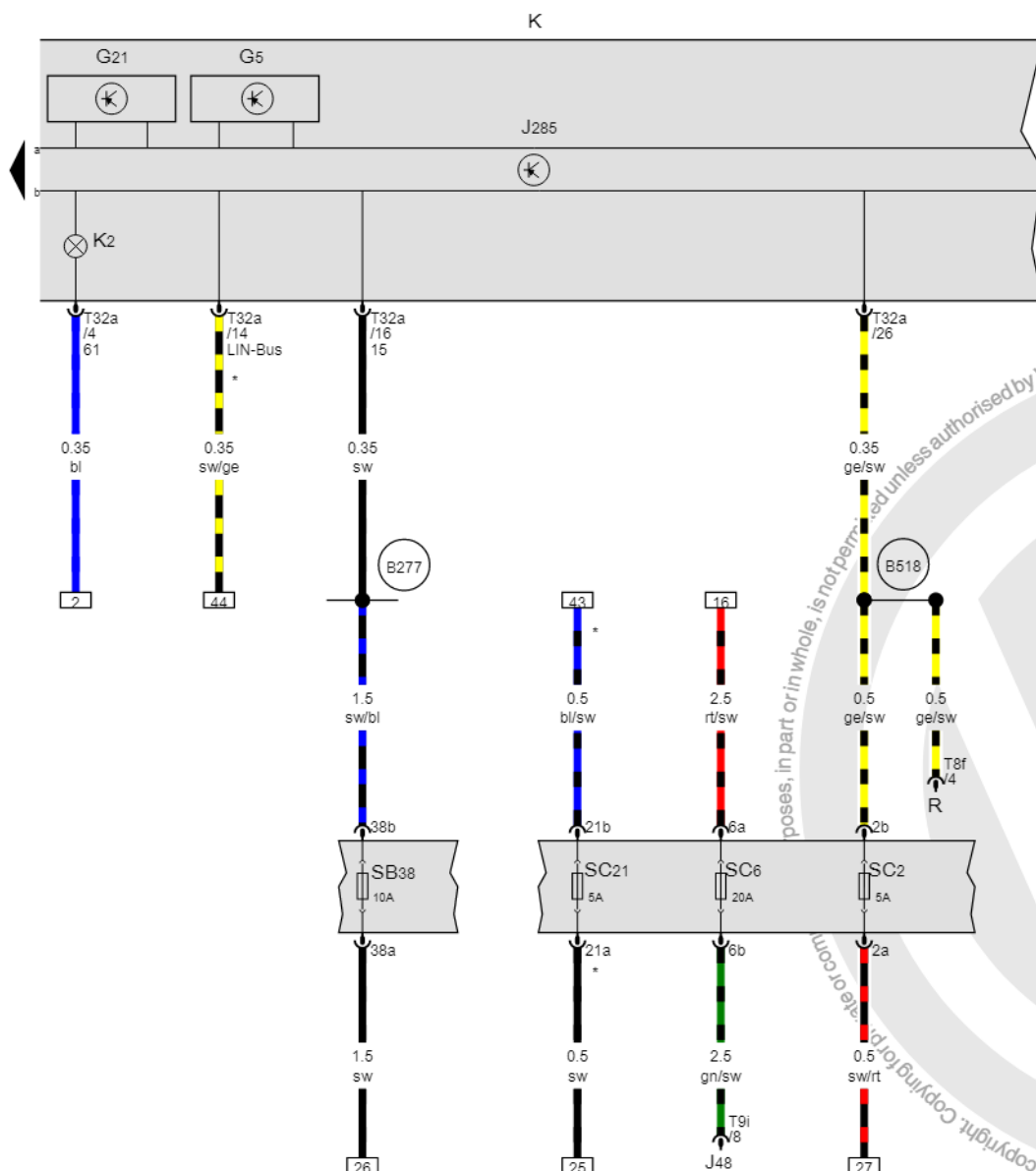
- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- T8l 8-pin connector
- T8m 8-pin connector
- T16a 16-pin connector
- T32a 32-pin connector
- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \*2 Diagnostic connection
- \*2 Only models with operating unit for radio

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- T8f 8-pin connector
- T9i 9-pin connector
- T32a 32-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B518 Connection (86) in main wiring harness

\* Only models with operating unit for radio

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- gn = green
- bl = blue
- gr = grey
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- vi = purple
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- rs = pink

## Multifunction steering wheel

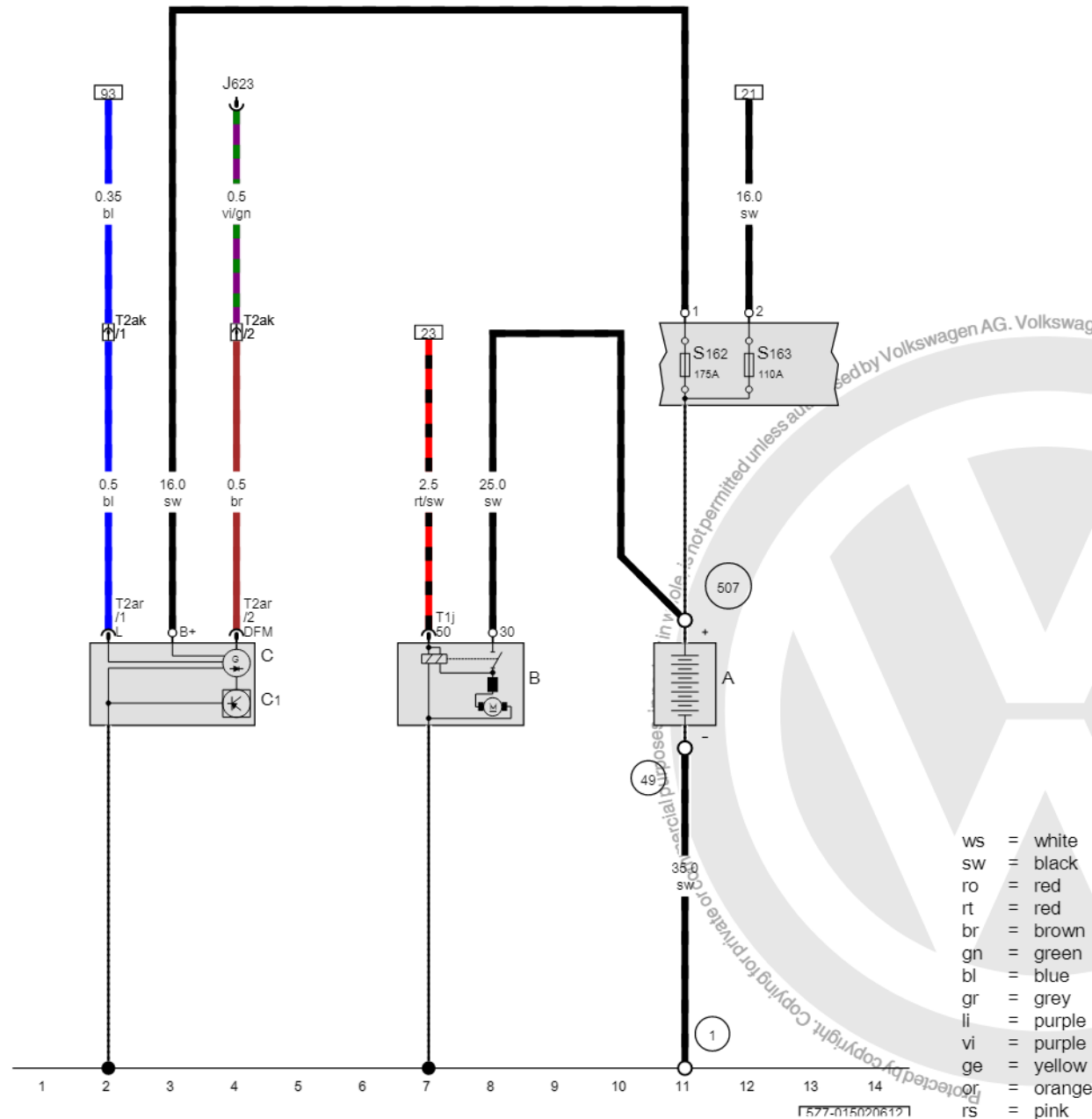
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder





Ignition/starter switch, X-contact relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
T6d 6-pin connector  
T8a 8-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B272 Positive connection (30), in main wiring harness

B273 Positive connection (15), in main wiring harness

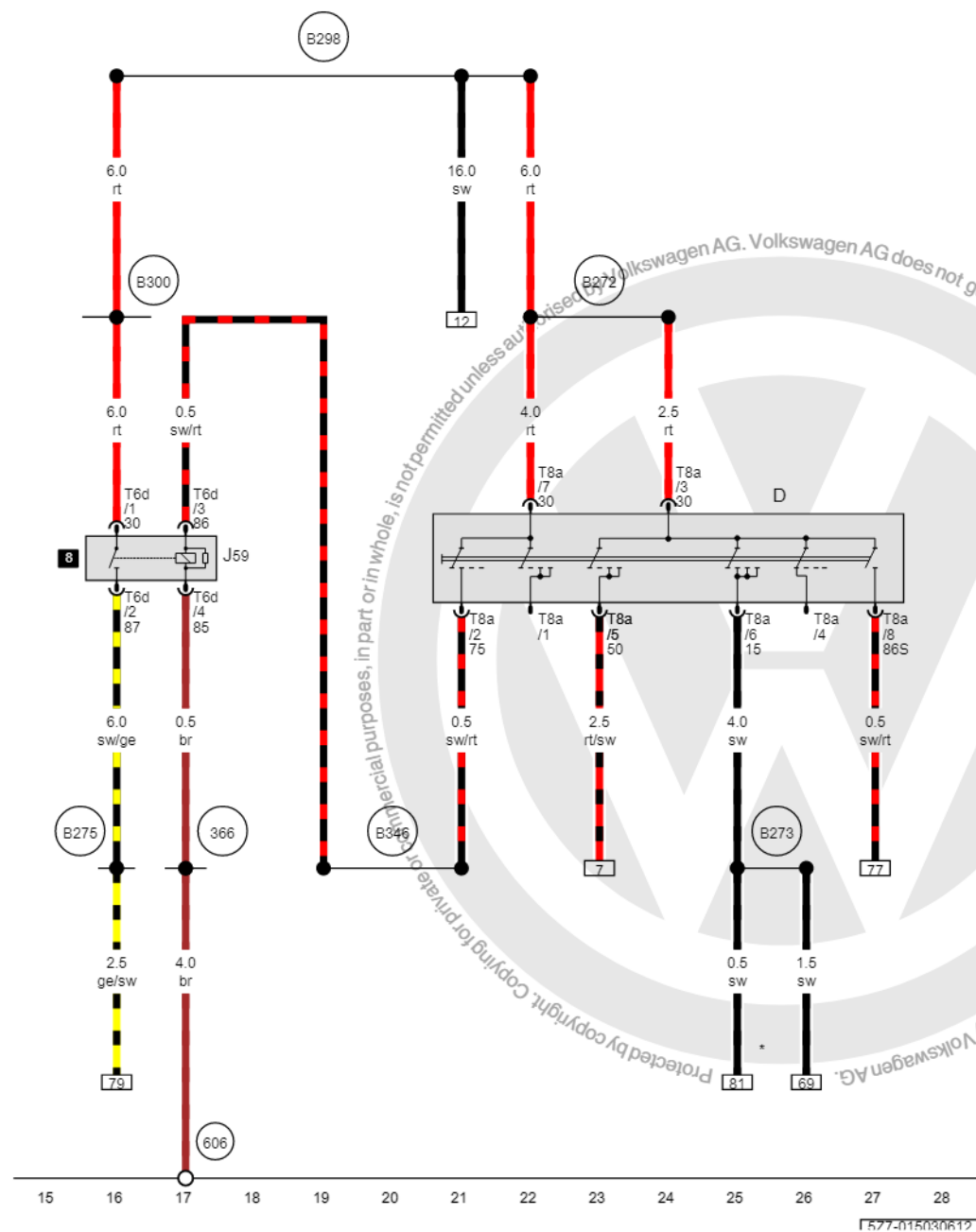
B275 Positive connection (87), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

\* Only models with operating unit for radio



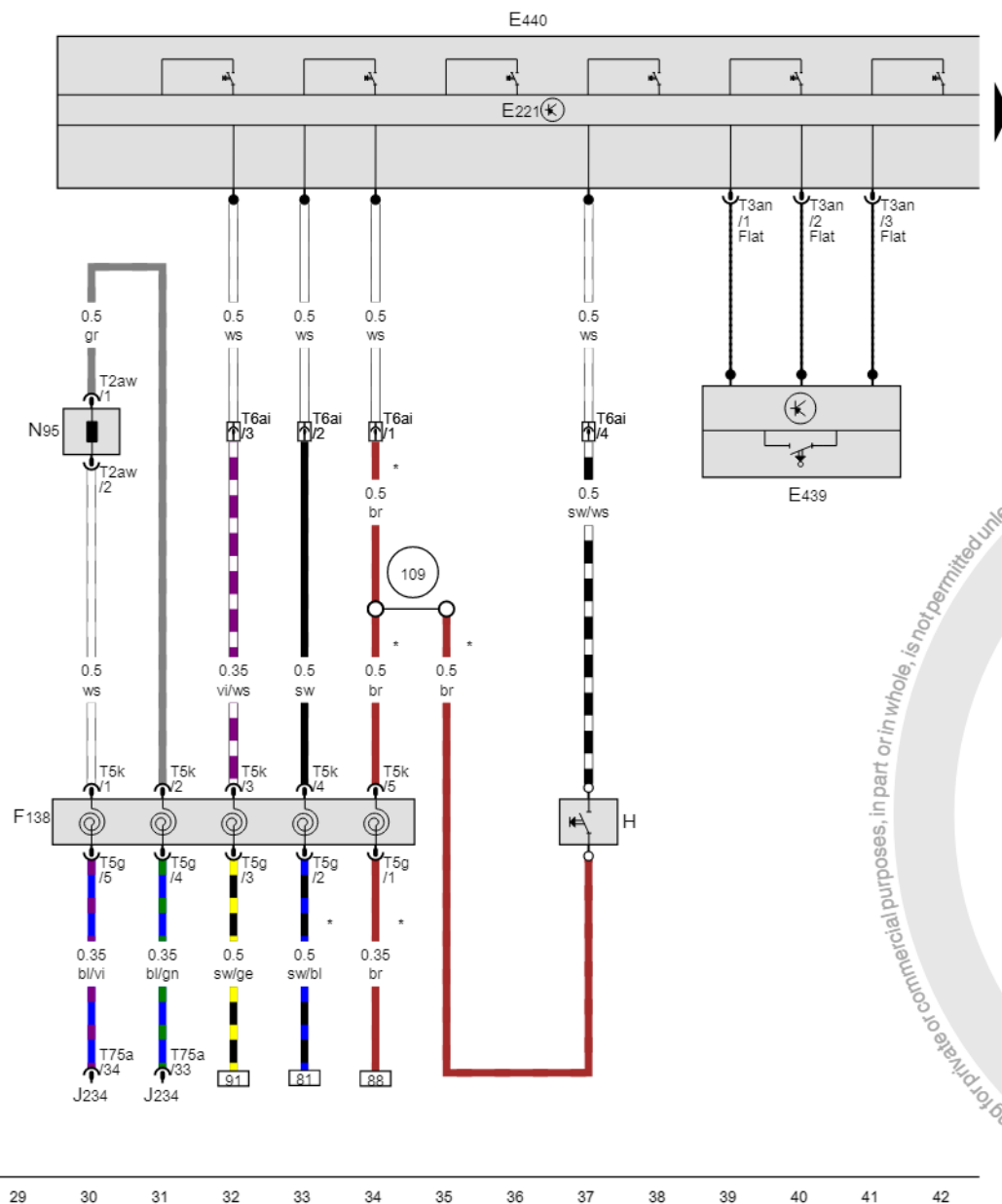
ws = white  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate, Driver side airbag igniter

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- N95 Driver side airbag igniter
- T2aw 2-pin connector
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T75a 75-pin connector

109 Earth connection, in airbag wiring harness

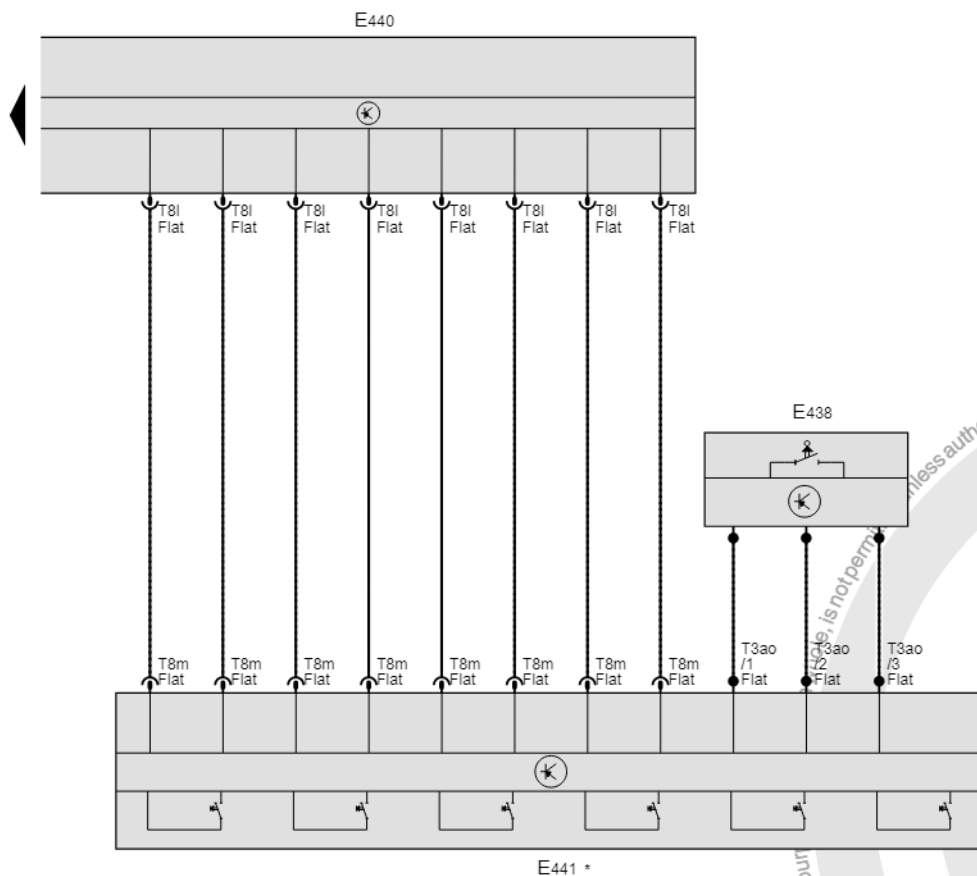
\* Only models with operating unit for radio



577-0150206121

Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector
- \* For models with interactive system



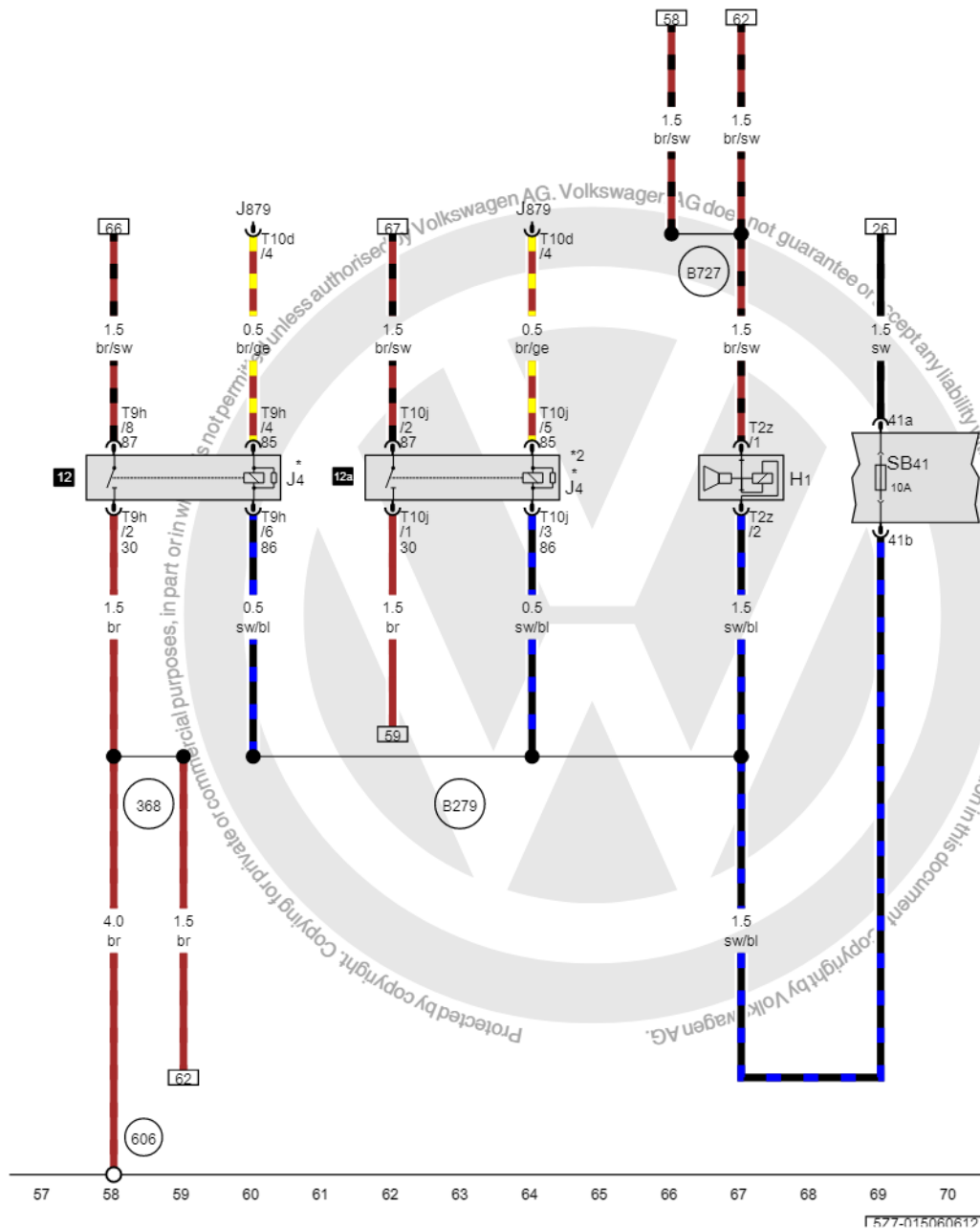
- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Horn or dual tone horn, Dual tone horn relay

- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J879 Control unit for interactive system
- SB41 Fuse 41 on fuse holder B
- T2z 2-pin connector
- T9h 9-pin connector
- T10d 10-pin connector
- T10j 10-pin connector

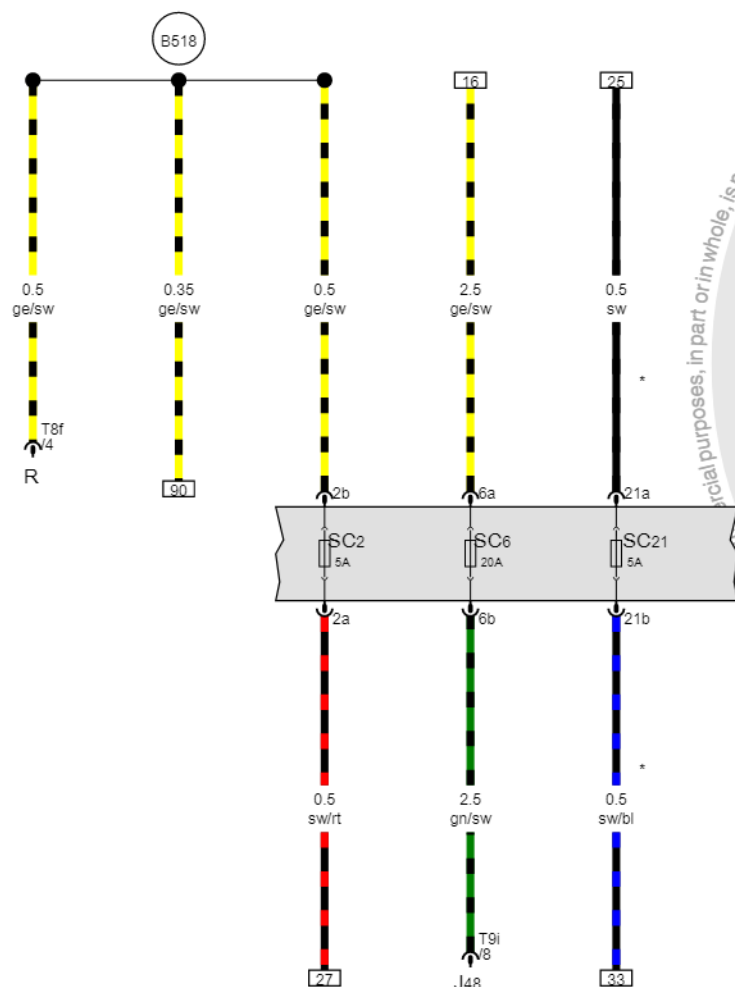
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B279 Positive connection 3 (15a) in main wiring harness
- B727 Connection (71a), in main wiring harness

- \* Only models with airbag
- \*2 From October 2011



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 2 on fuse holder C, Fuse 6 on fuse holder C, Fuse 21 on fuse holder C



- J48 Heated rear window control relay
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T8f 8-pin connector
- T9i 9-pin connector
- B518 Connection (86s), in main wiring harness
- \* Only models with operating unit for radio

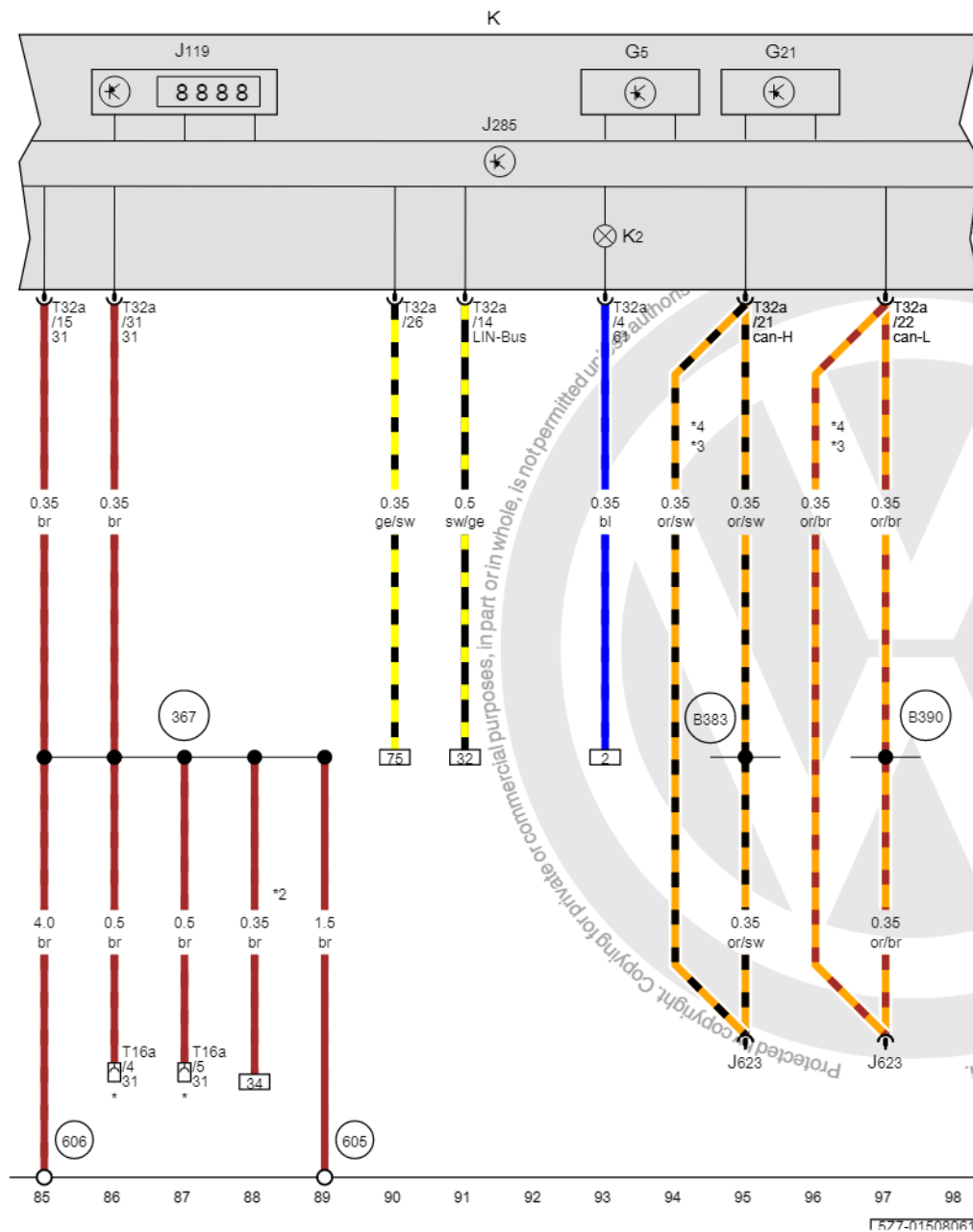
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- T16a 16-pin connector
- T32a 32-pin connector

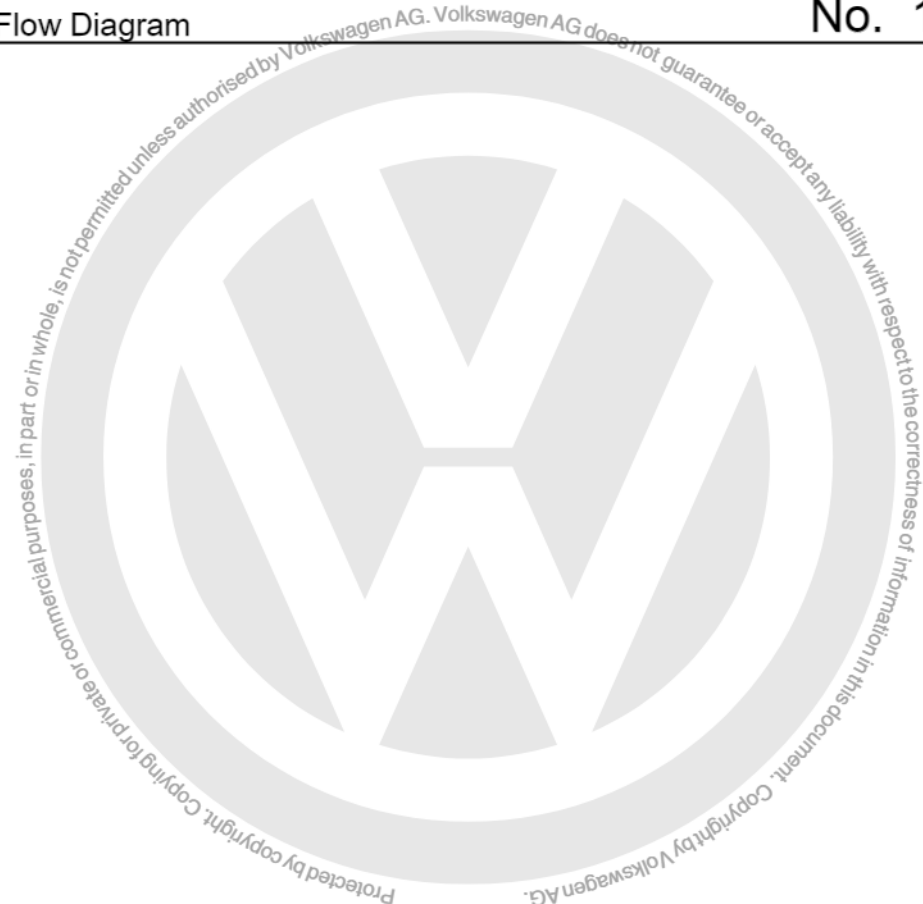
- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Diagnostic connection
- \*2 Only models with operating unit for radio
- \*3 From September 2011
- \*4 Only models with basic equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



## Parking aid (PDC)

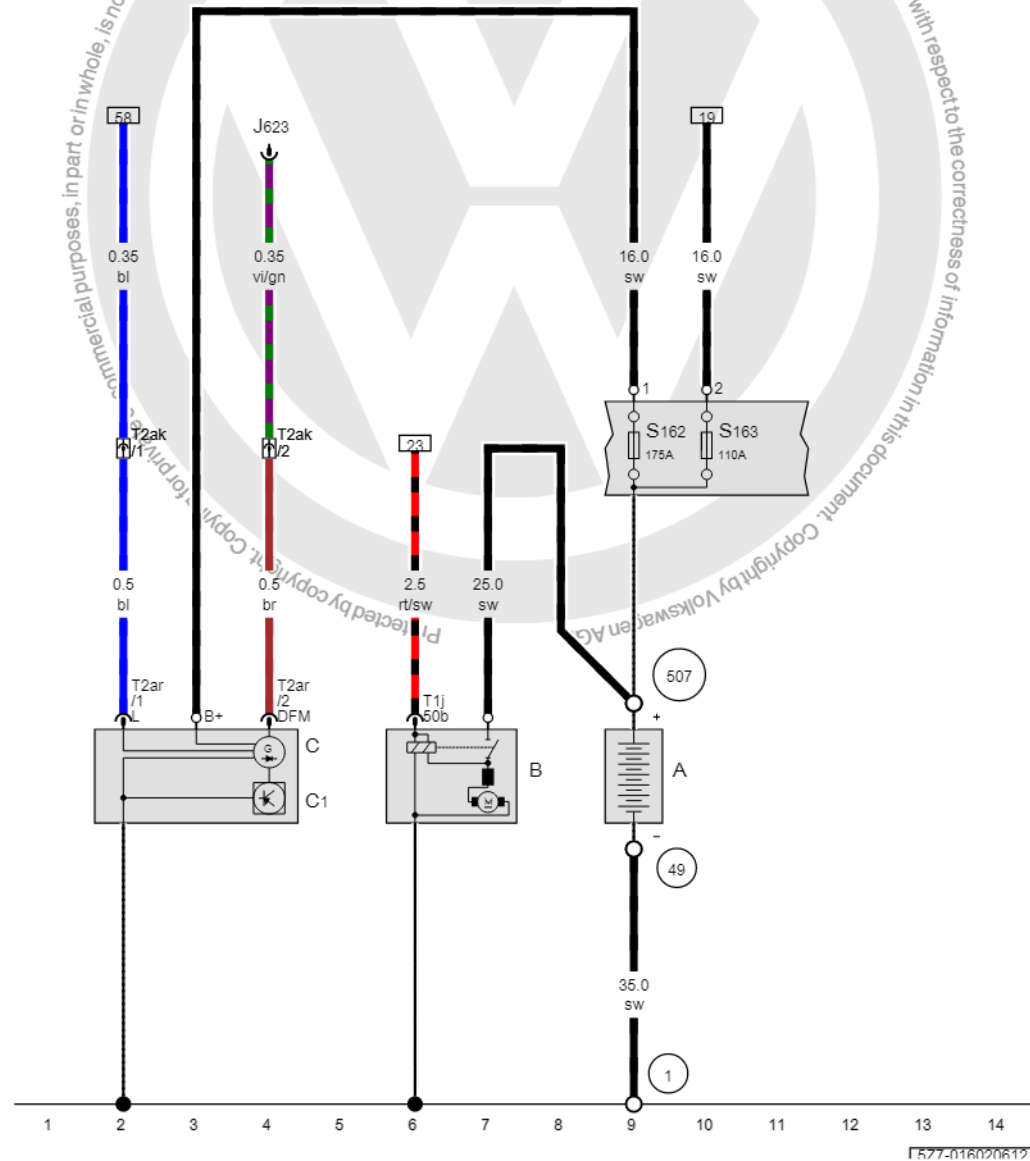
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, X-contact relief relay

D Ignition/starter switch

J59 X-contact relief relay

T6d 6-pin connector

T8a 8-pin connector

(366) Earth connection 1, in main wiring harness

(606) Earth point, under the centre console near gear stick

(B272) Positive connection (30), in main wiring harness

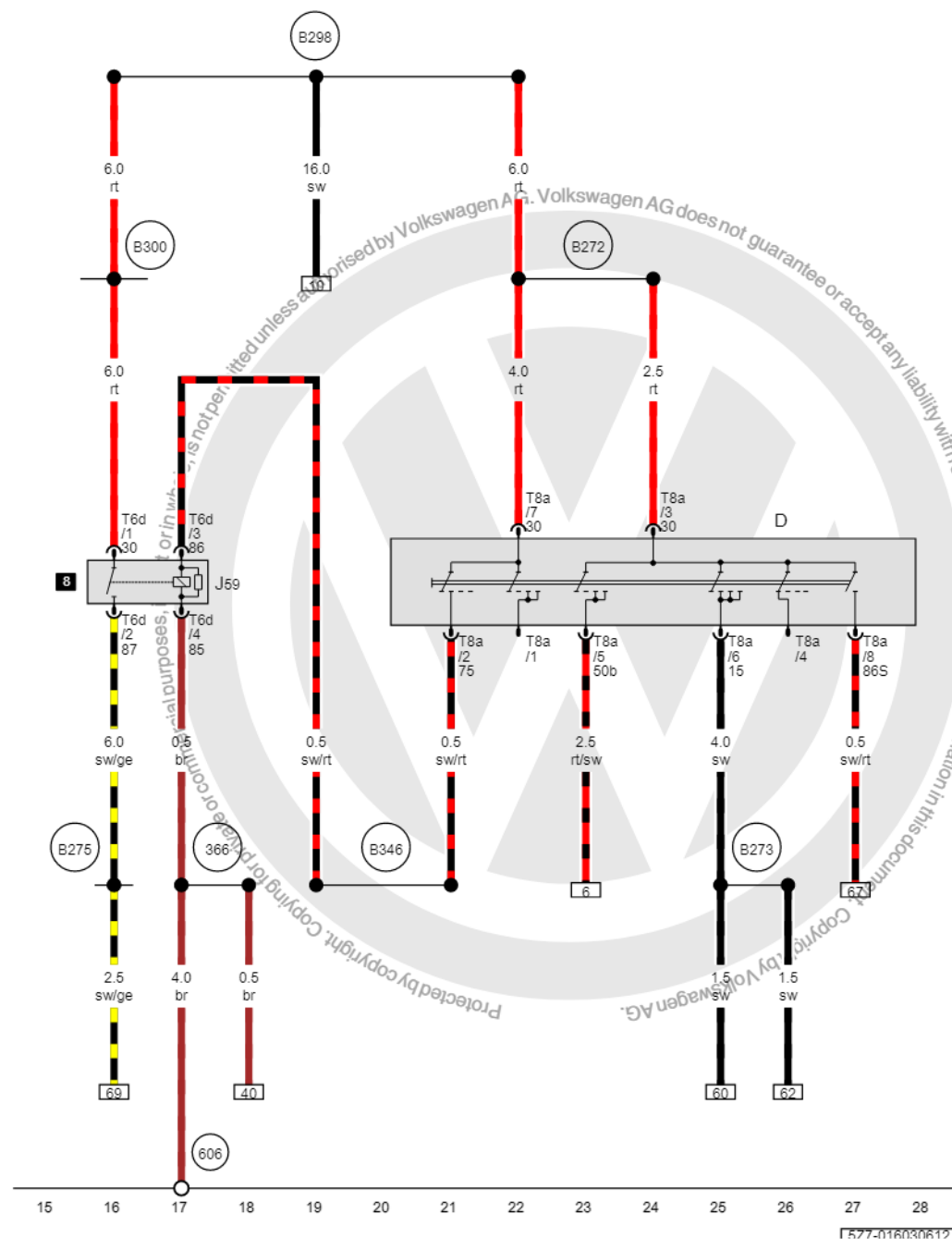
(B273) Positive connection (15), in main wiring harness

(B275) Positive connection (87), in main wiring harness

(B298) Positive connection 2 (30), in main wiring harness

(B300) Positive connection 4 (30), in main wiring harness

(B346) Connection 1 (75), in main wiring harness



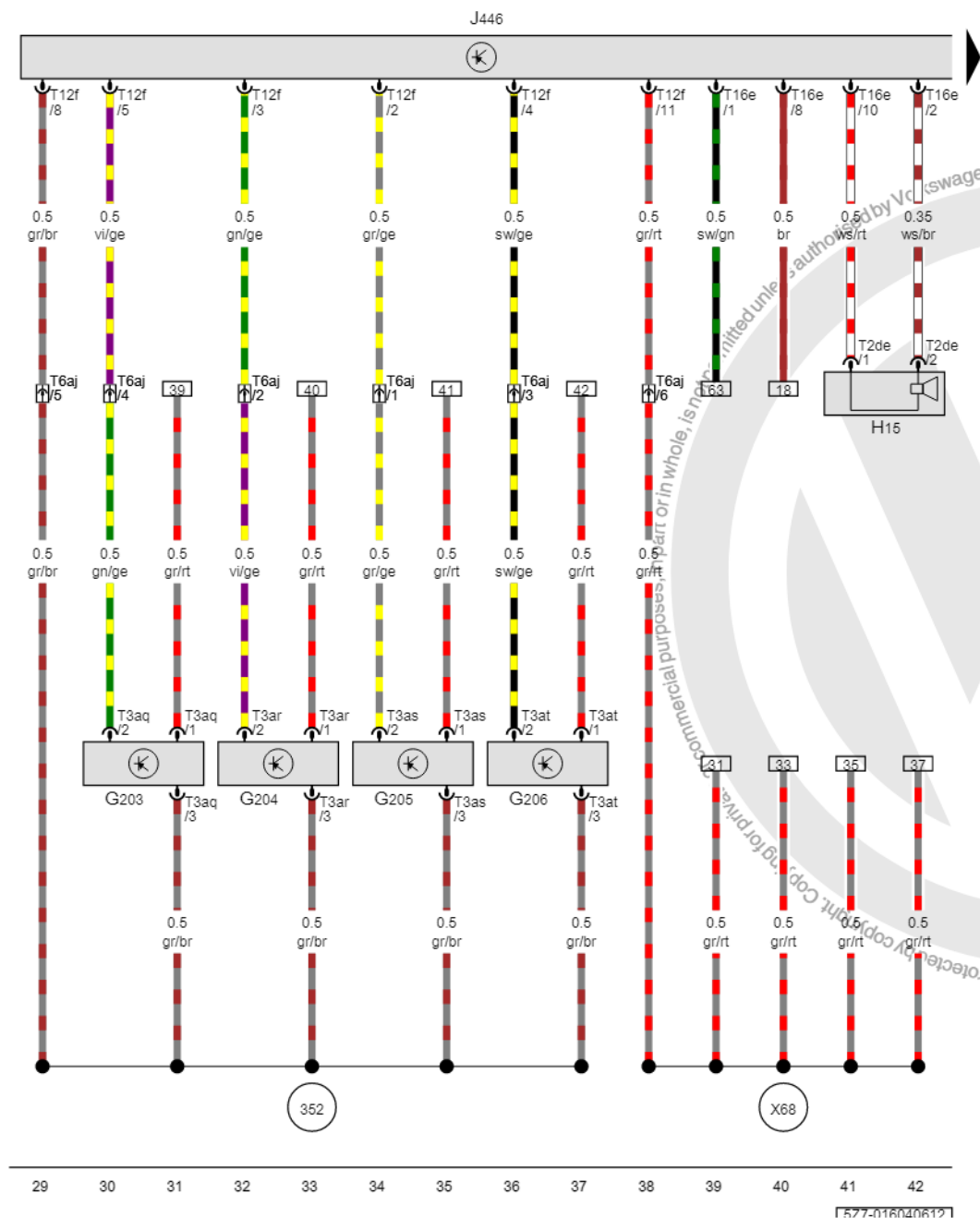
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T2de 2-pin connector
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3as 3-pin connector
- T3at 3-pin connector
- T6aj 6-pin connector, behind rear bumper on left
- T12f 12-pin connector
- T16e 16-pin connector

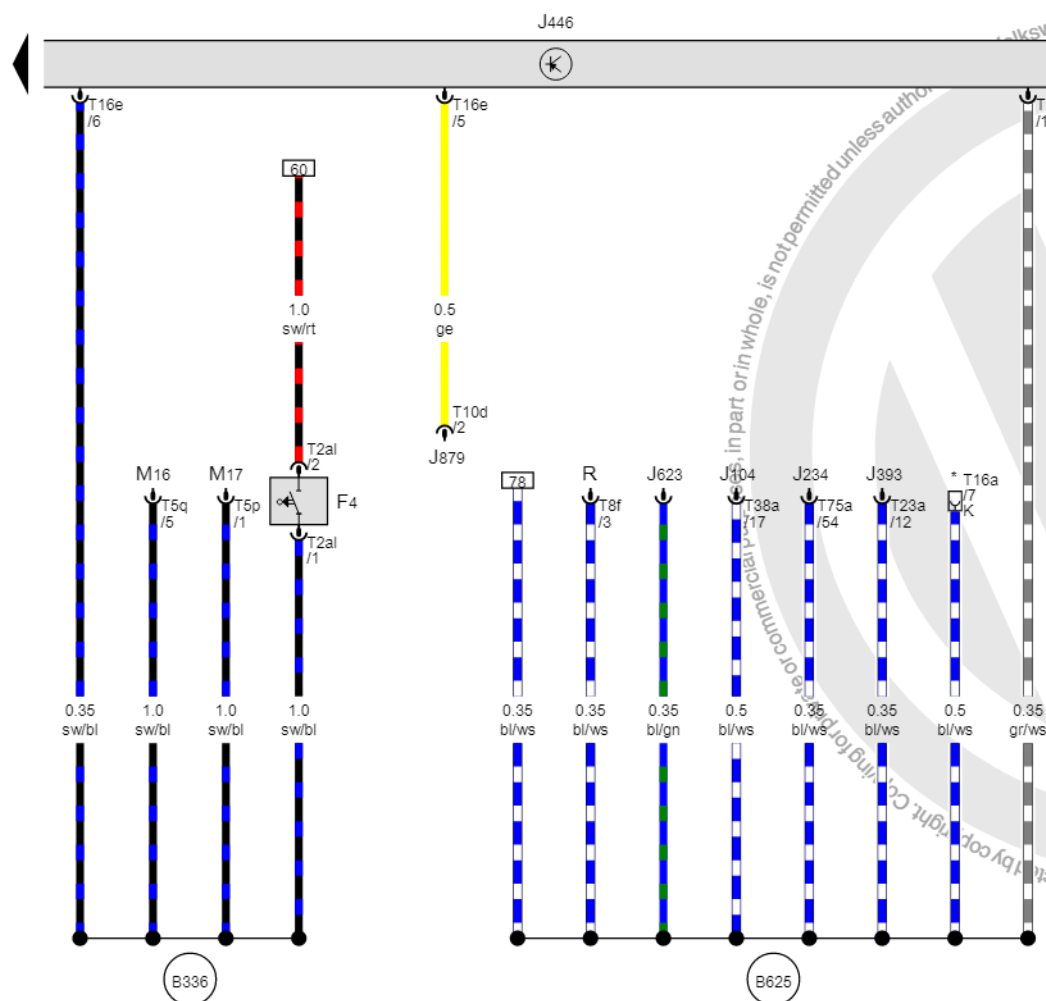
352 Earth connection (parking aid), in rear bumper wiring harness

X68 Positive connection (parking aid), in rear bumper wiring harness



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Reversing light switch, Parking aid control unit



- F4 Reversing light switch
- J104 ABS control unit
- J234 Airbag control unit
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- R Radio
- T2al 2-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T8f 8-pin connector
- T10d 10-pin connector
- T16a 16-pin connector, on diagnostic connection
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- B336 Connection 2 (54), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection

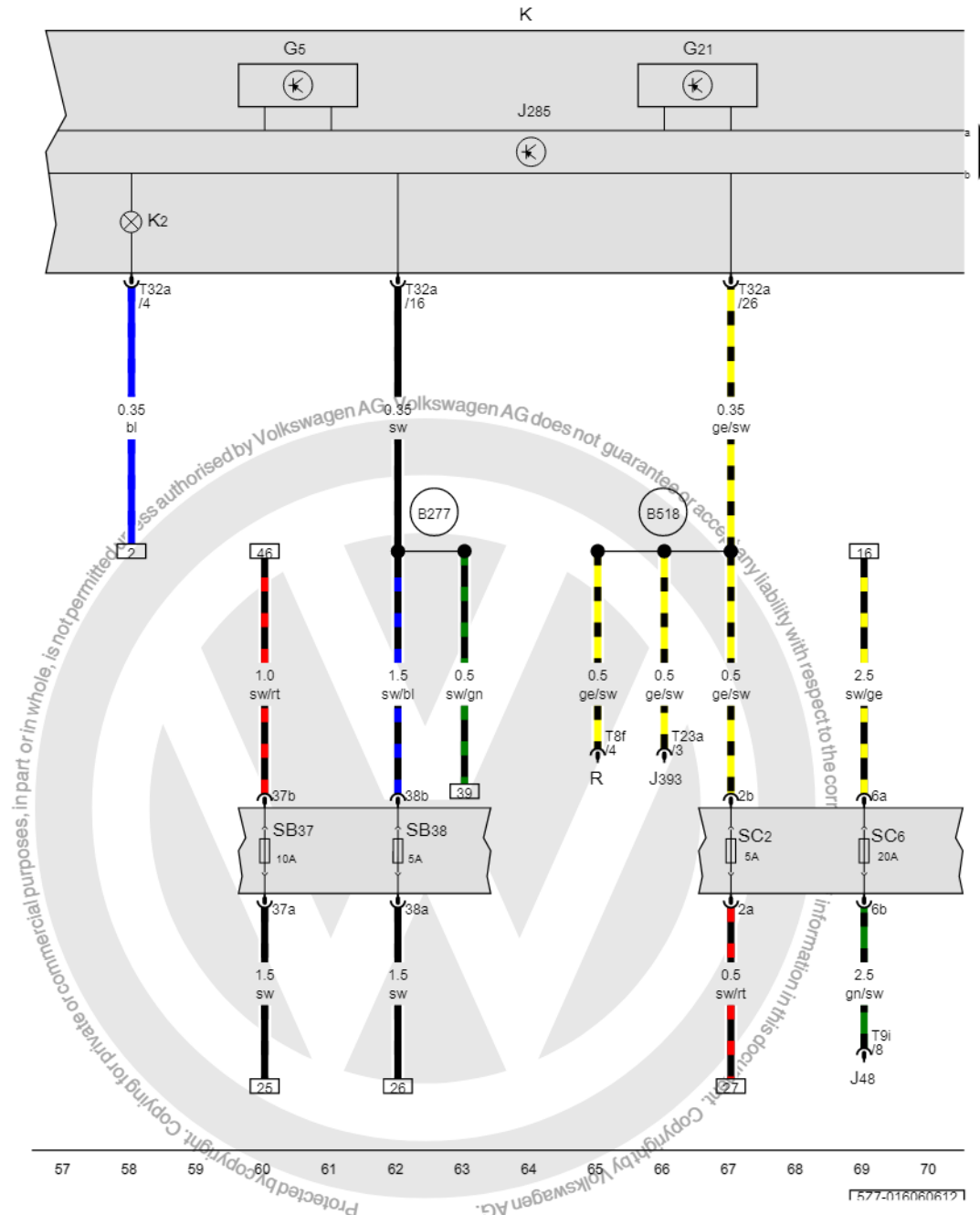
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

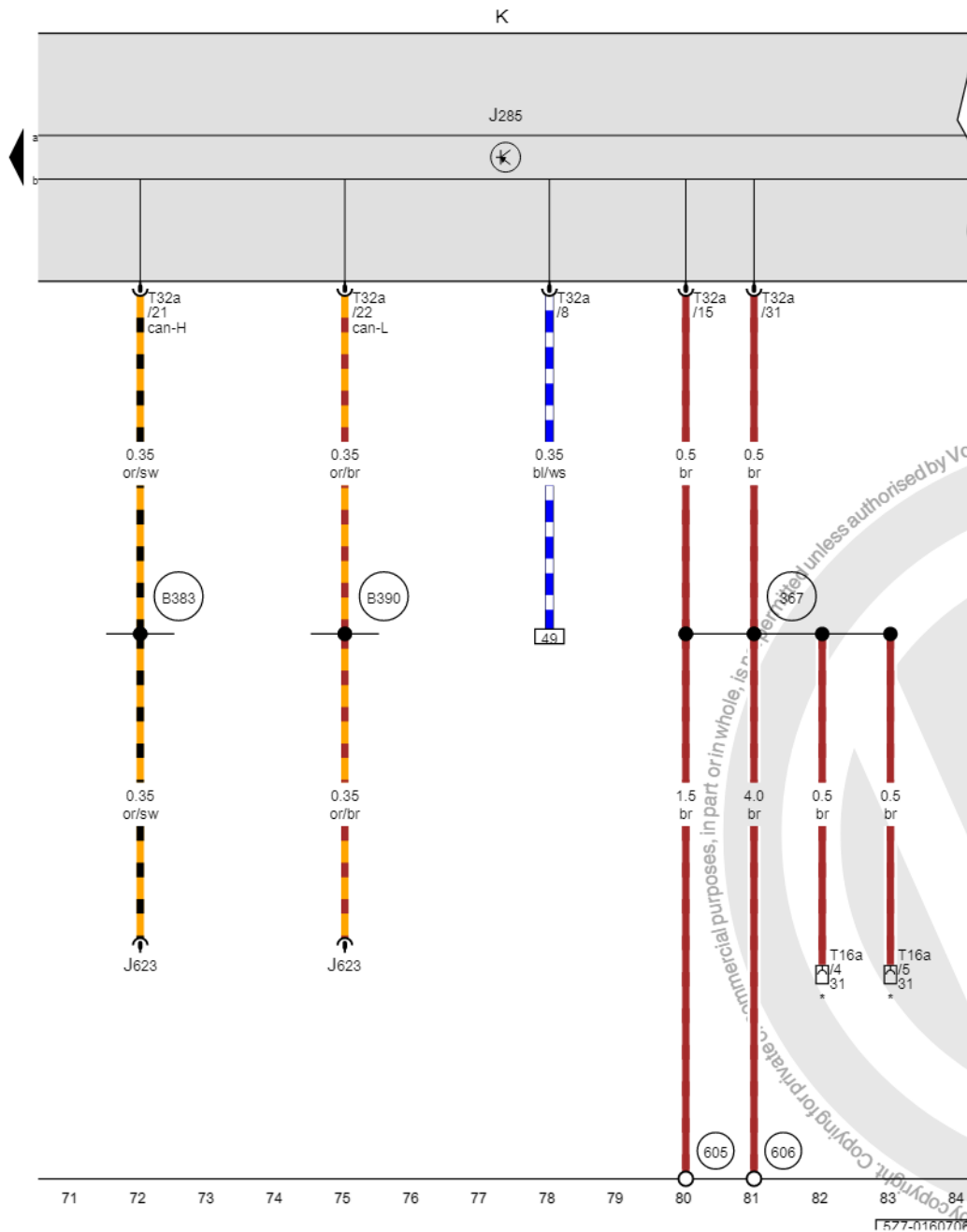
- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- J393 Convenience system central control unit
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T8f 8-pin connector
- T9i 9-pin connector
- T23a 23-pin connector
- T32a 32-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B518 Connection (86s), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit in dash panel insert, Dash panel insert

- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- T16a 16-pin connector, on diagnostic connection
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

Diagnostic connection

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## System for lowering passenger side mirror

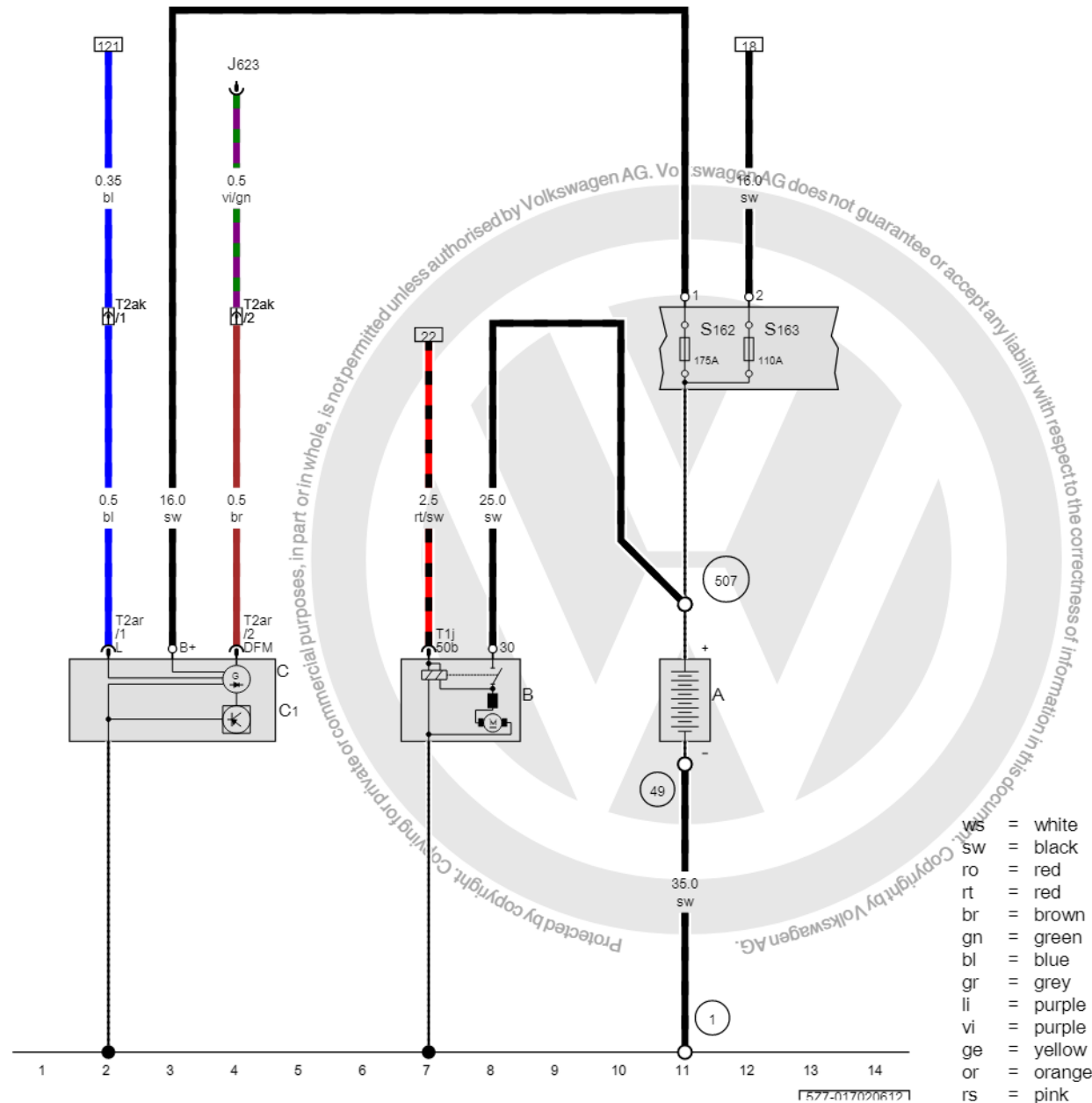
From January 2011



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector
- T2ar 2-pin connector

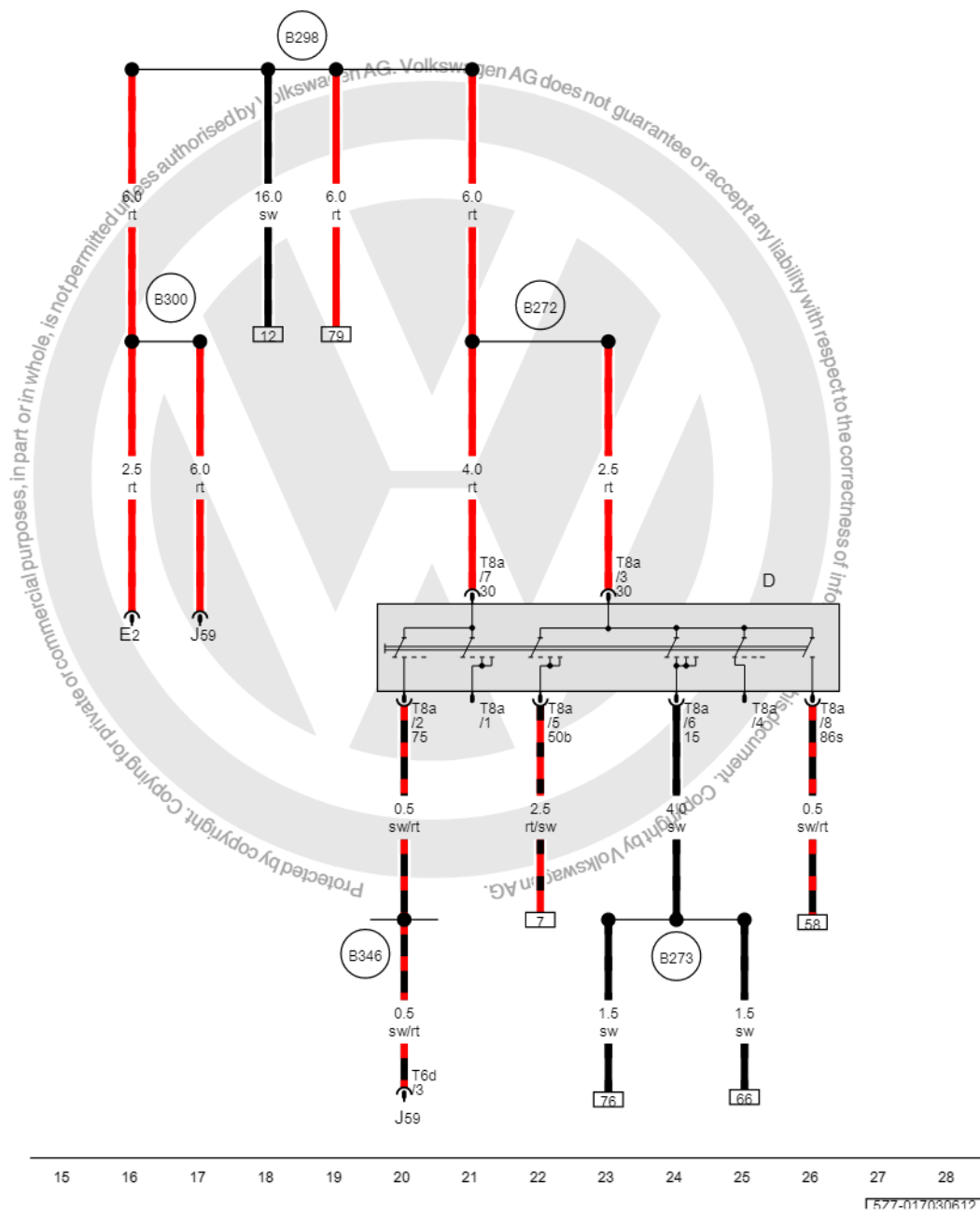
- 1 Earth strap, battery - body
- 49 Earth point, near ...
- 507 Threaded connection (30), on battery fuse holder



# Ignition/starter switch

- D Ignition/starter switch
- E2 Turn signal switch
- J59 X-contact relief relay
- T6d 6-pin connector
- T8a 8-pin connector

- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Folding exterior mirror control unit

J59 X-contact relief relay

J351 Folding exterior mirror control unit

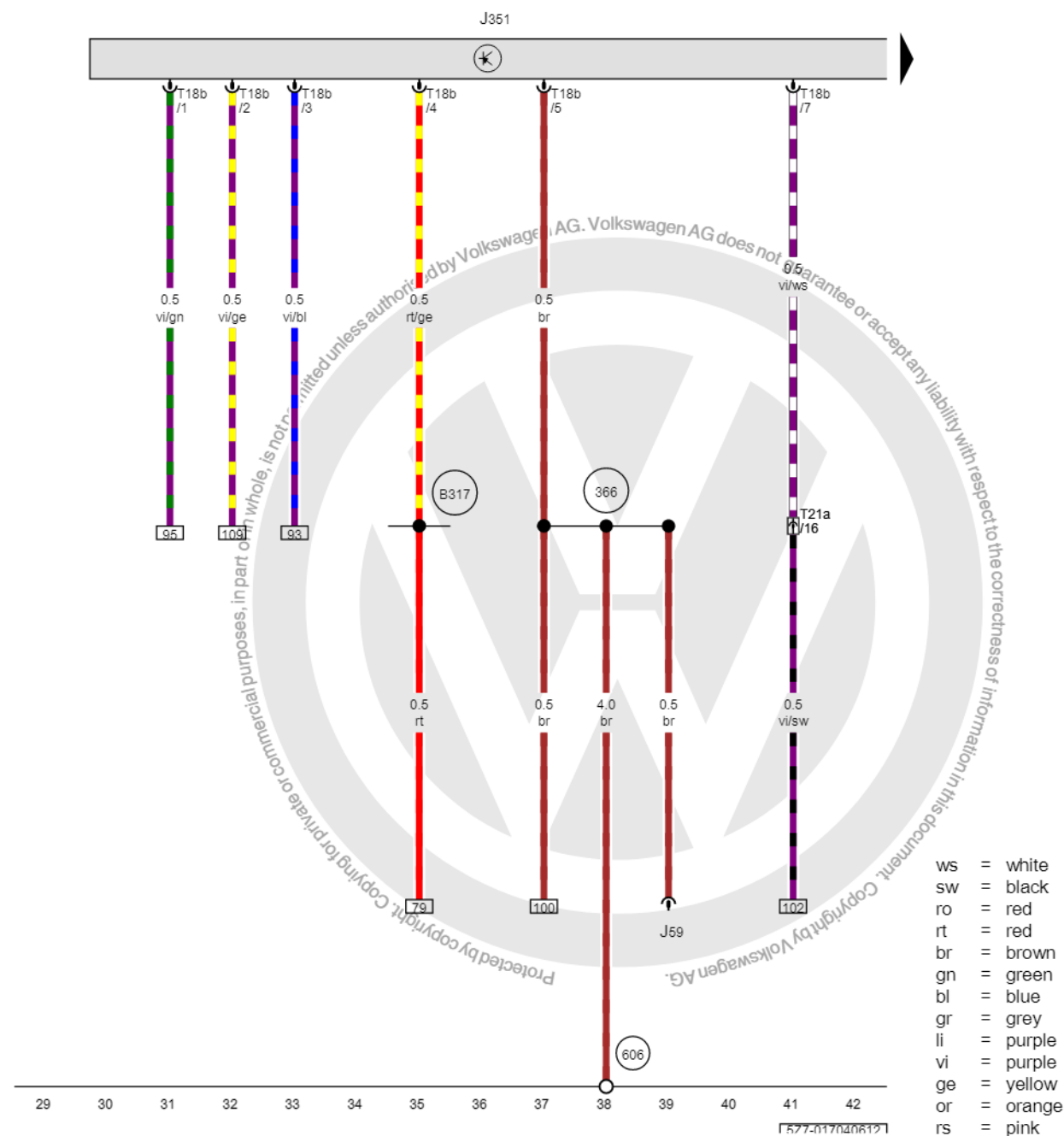
T18b 18-pin connector

T21a 21-pin connector

(366) Earth connection 1, in main wiring harness

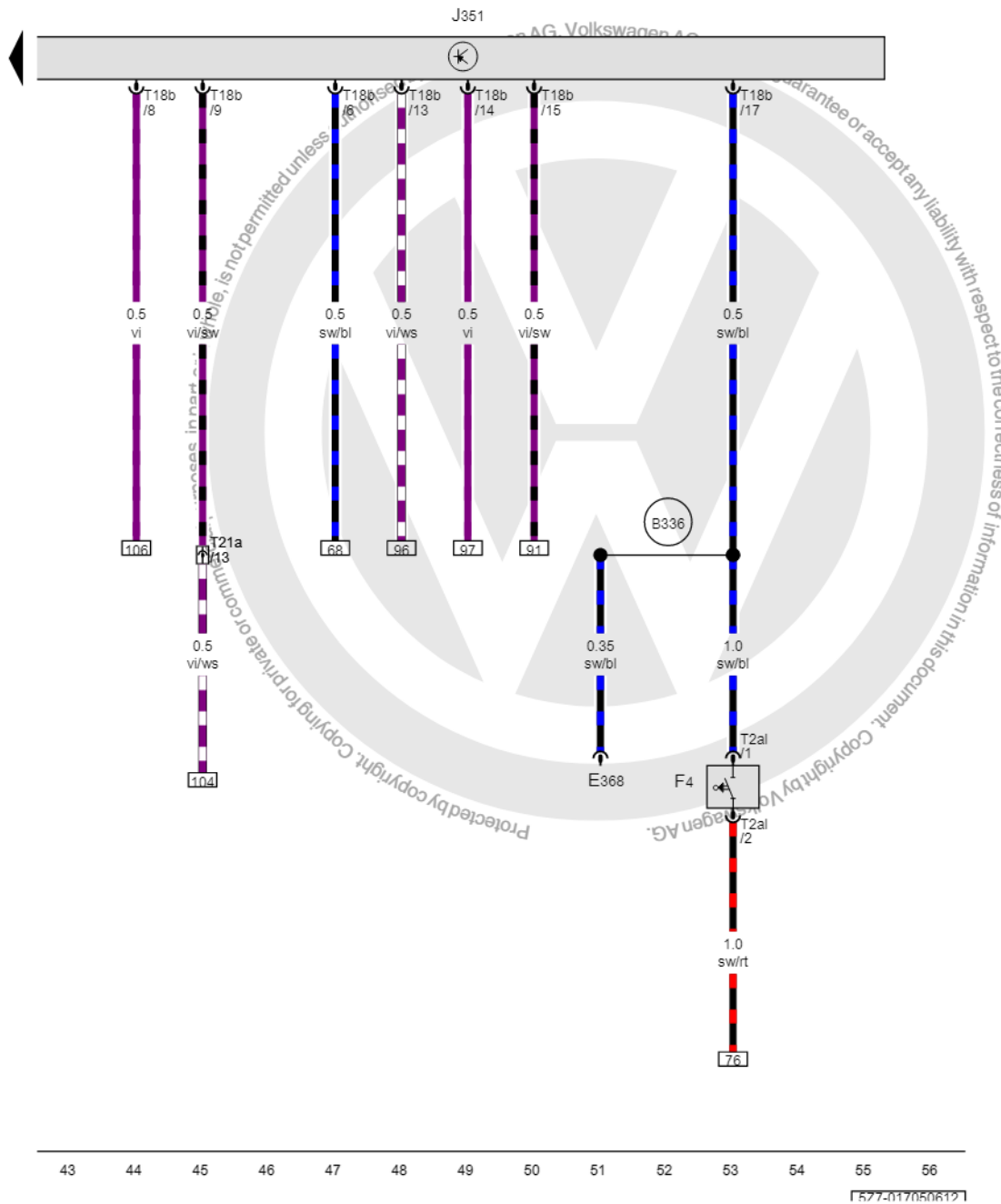
(606) Earth point, under the centre console near gear stick

(B317) Positive connection 3 (30a) in main wiring harness

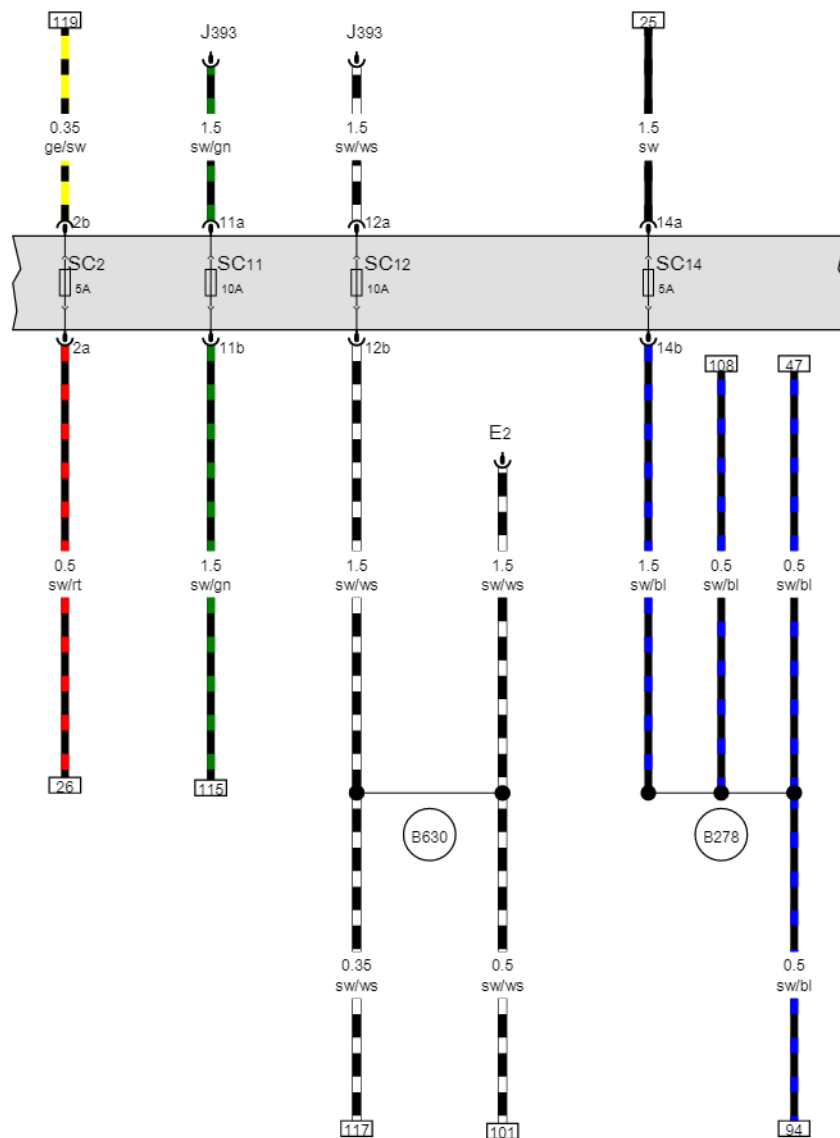


Reversing light switch, Folding exterior mirror control unit

- E368 Weapons box button
- F4 Reversing light switch
- J351 Folding exterior mirror control unit
- T2al 2-pin connector
- T18b 18-pin connector
- T21a 21-pin connector
- B336 Connection 2 (54), in main wiring harness



Fuse 2 on fuse holder C, Fuse 11 on fuse holder C, Fuse 12 on fuse holder C, Fuse 14 on fuse holder C



- E2 Turn signal switch
- J393 Convenience system central control unit
- SC2 Fuse 2 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- B278 Positive connection 2 (15a) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 37 on fuse holder B, Fuse 39 on fuse holder B

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB37 Fuse 37 on fuse holder B

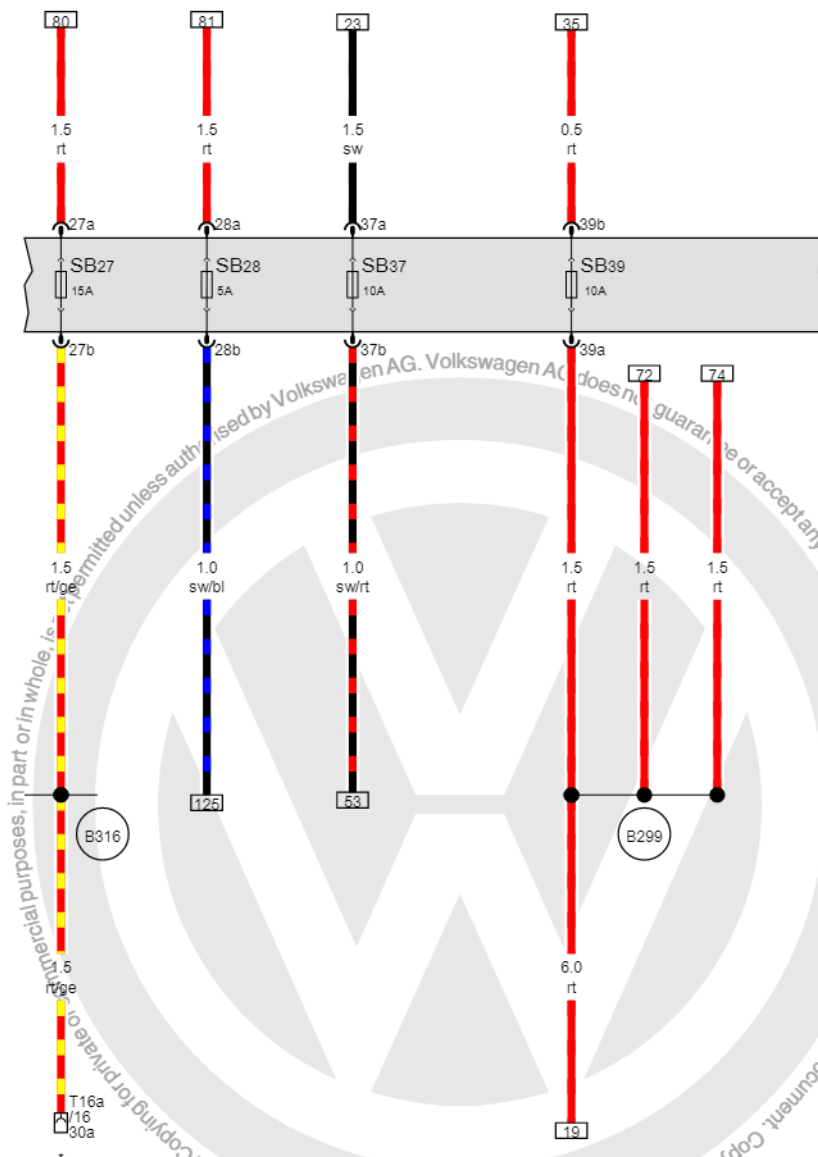
SB39 Fuse 39 on fuse holder B

T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

\* Diagnostic connection

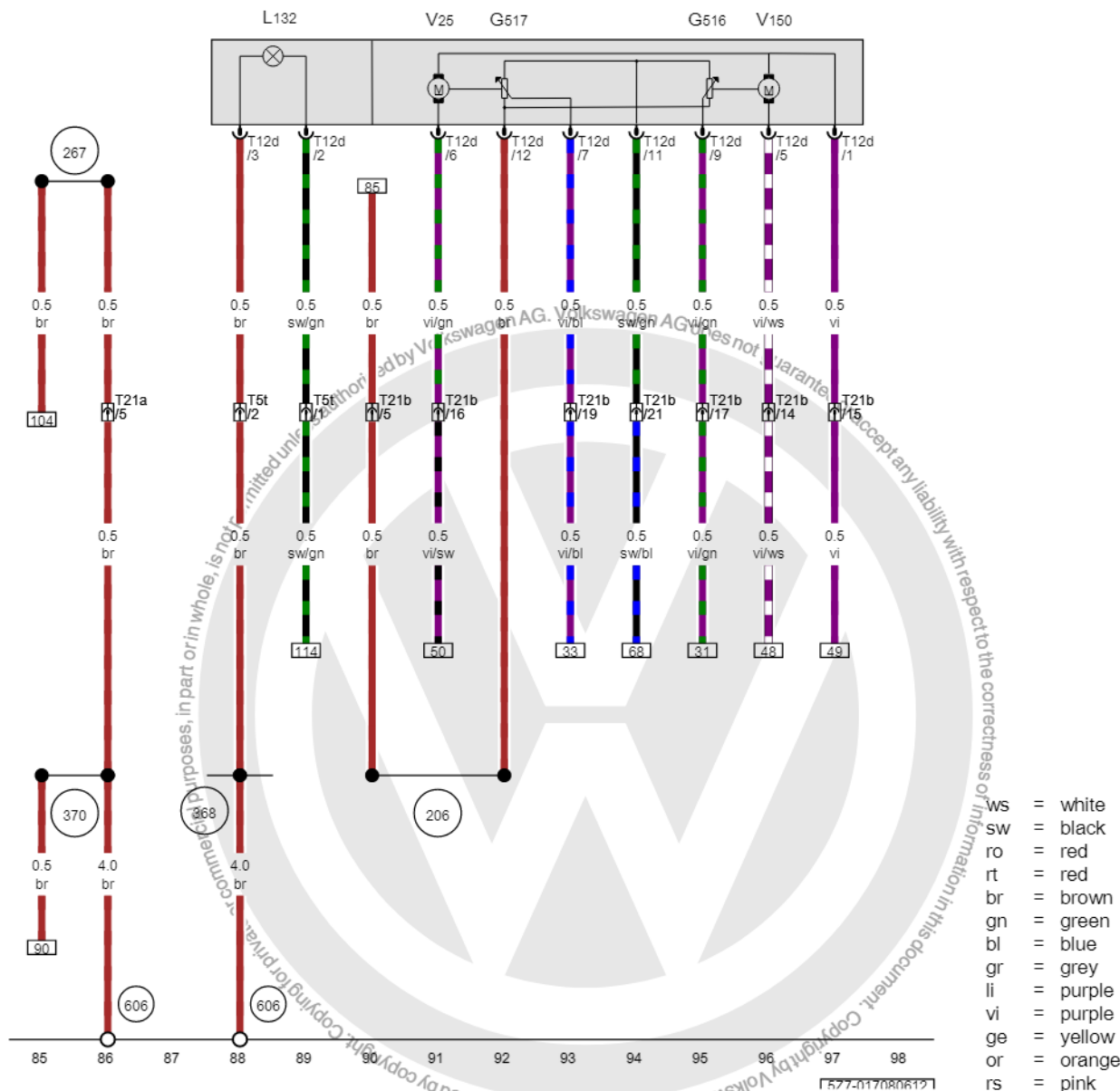


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Potentiometer for horizontal adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

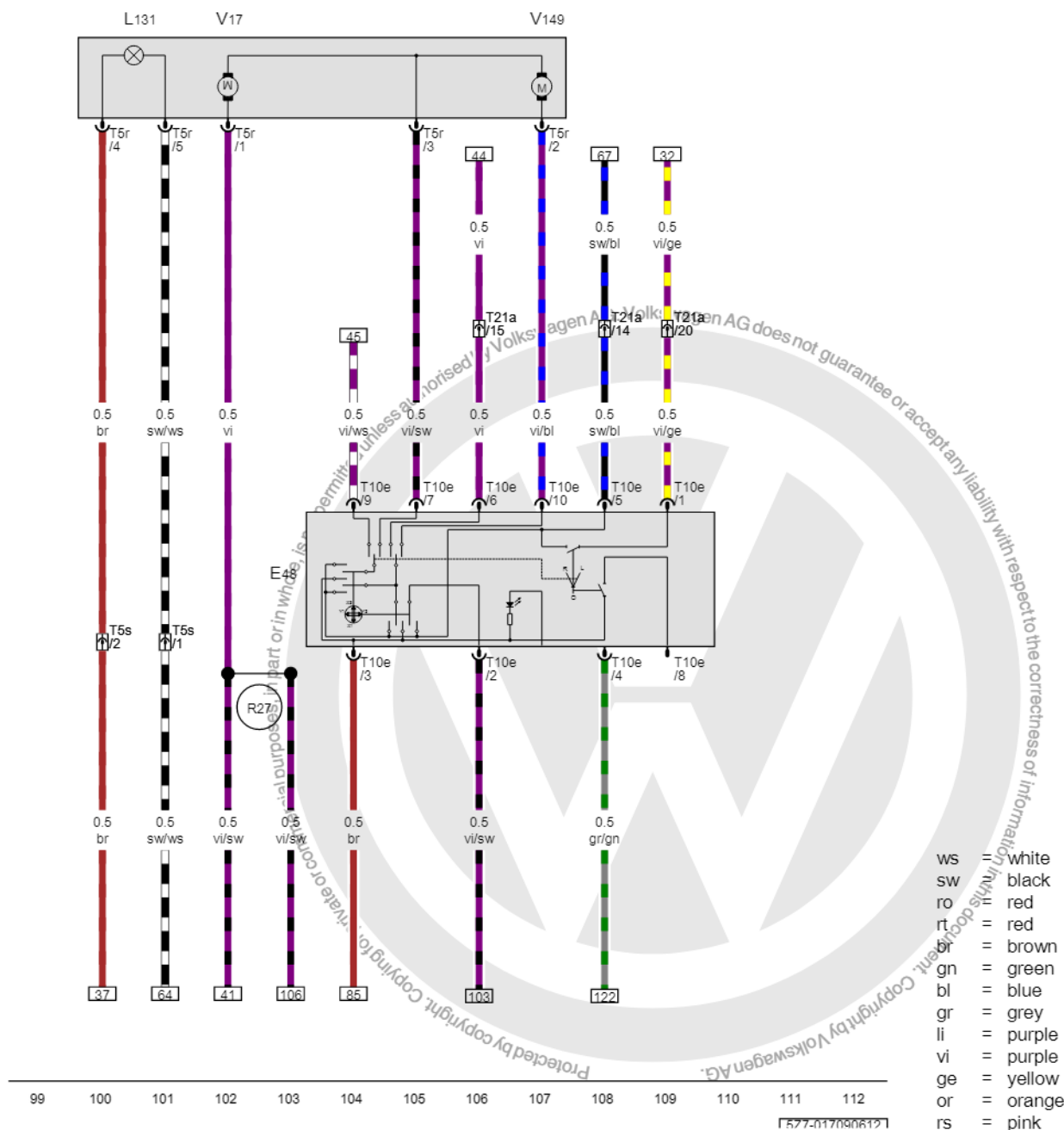
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector
- T12d 12-pin connector
- T21a 21-pin connector
- T21b 21-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick



Mirror adjustment changeover switch, Driver side turn signal repeater bulb, Driver side mirror adjustment motor

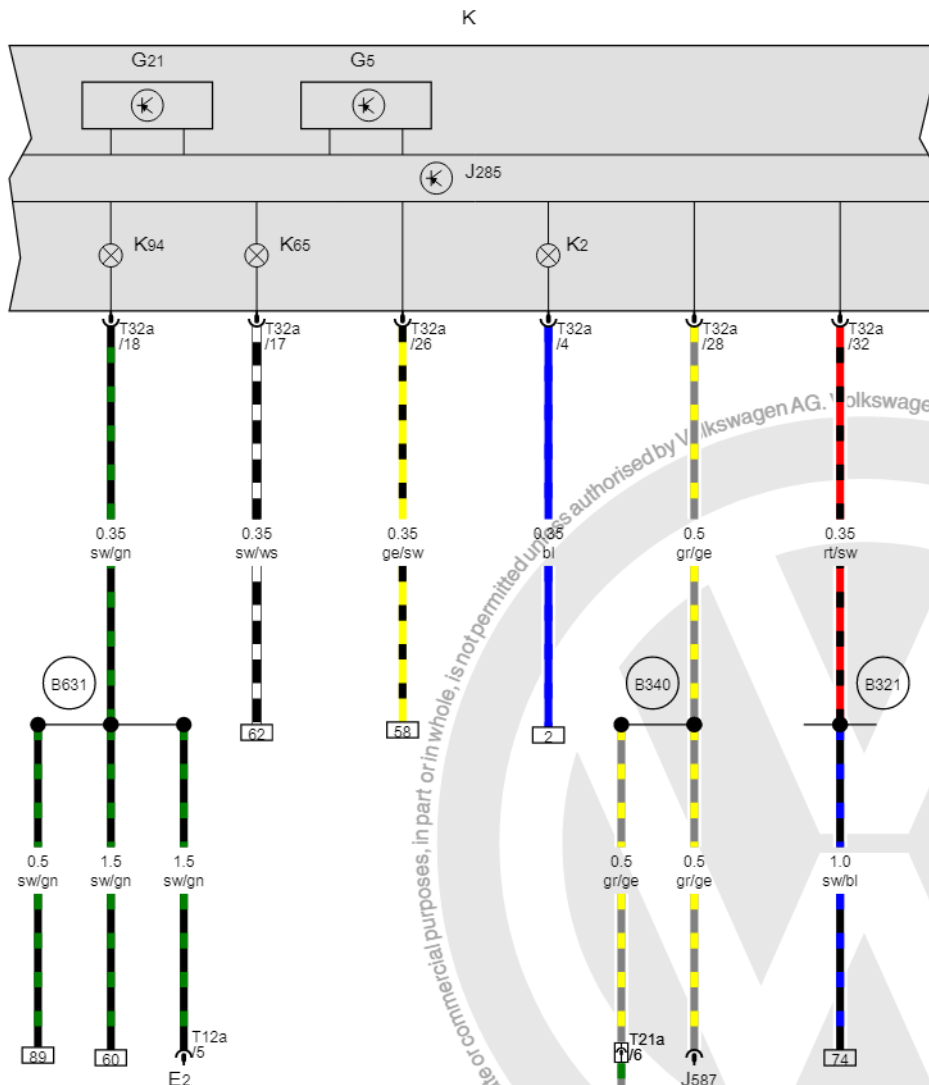
- E48 Mirror adjustment changeover switch
- L131 Driver side turn signal repeater bulb
- T5r 5-pin connector
- T5s 5-pin connector
- T10e 10-pin connector
- T21a 21-pin connector
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- R27 Connection (mirror adjustment), in driver door wiring harness



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- E2 Turn signal switch
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J587 Selector lever sensors control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T12a 12-pin connector
- T21a 21-pin connector
- T32a 32-pin connector

- B321 Positive connection 7 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Dual headlight

From January 2011

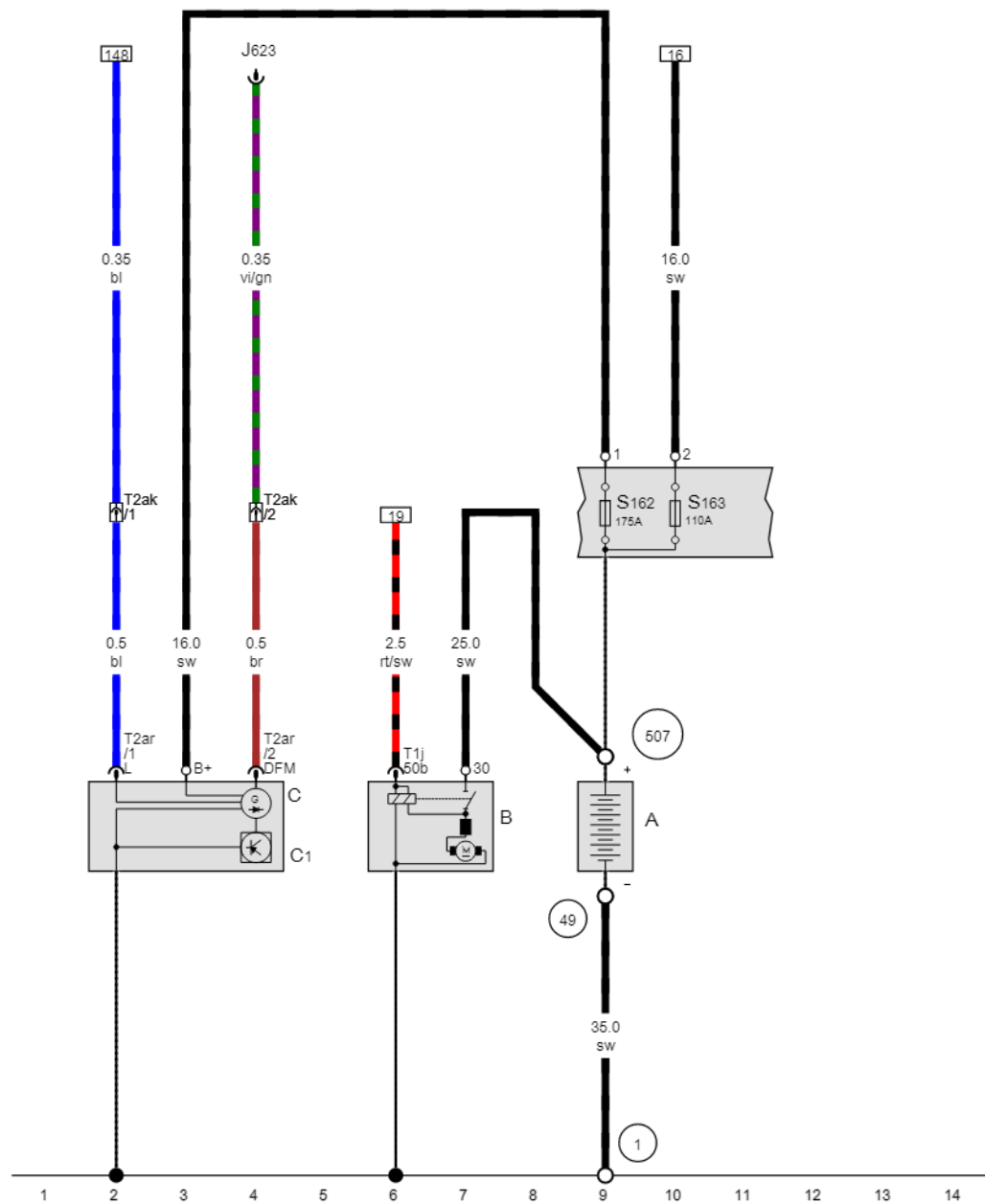




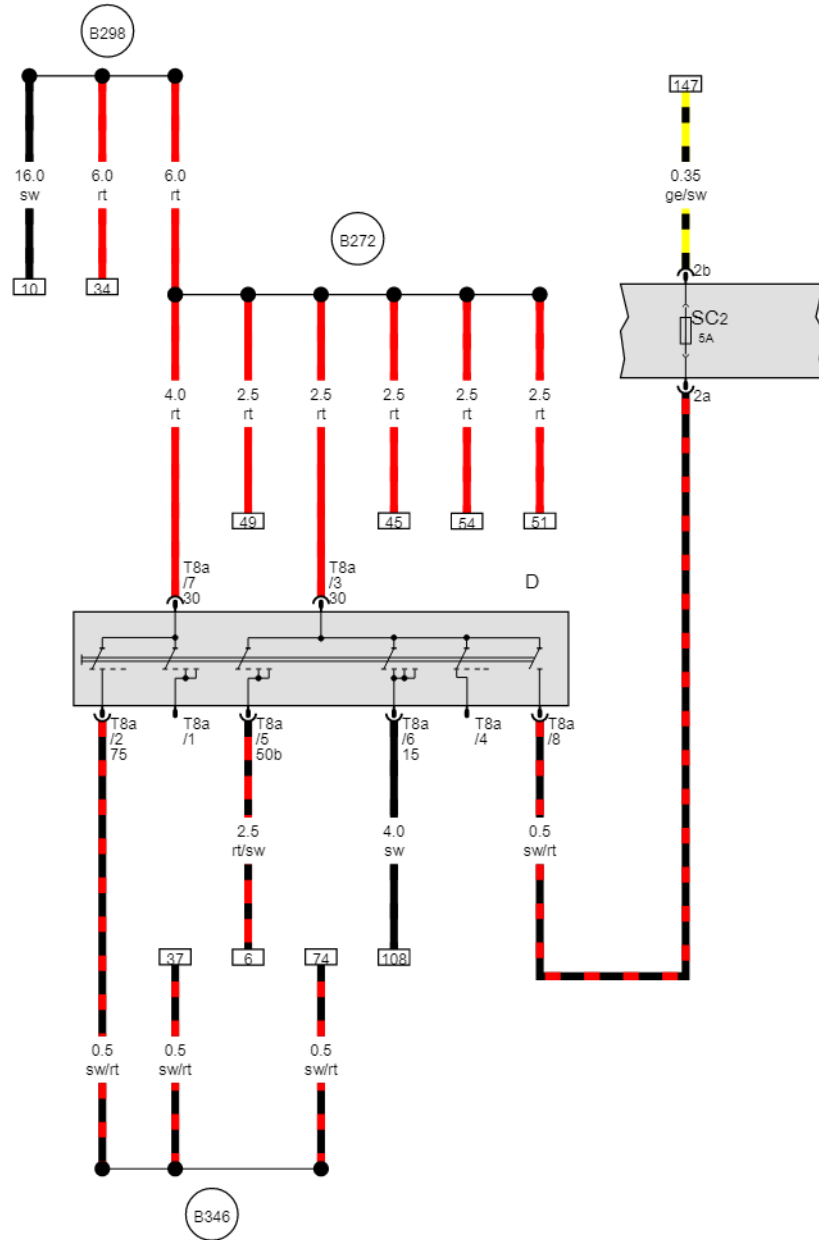
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



### Ignition/starter switch

- D Ignition/starter switch
- SC2 Fuse 2 on fuse holder C
- T8a 8-pin connector
- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- T1gh Single connector
- T1h Single connector
- T2z 2-pin connector
- T12a 12-pin connector

678 Earth point, on steering wheel

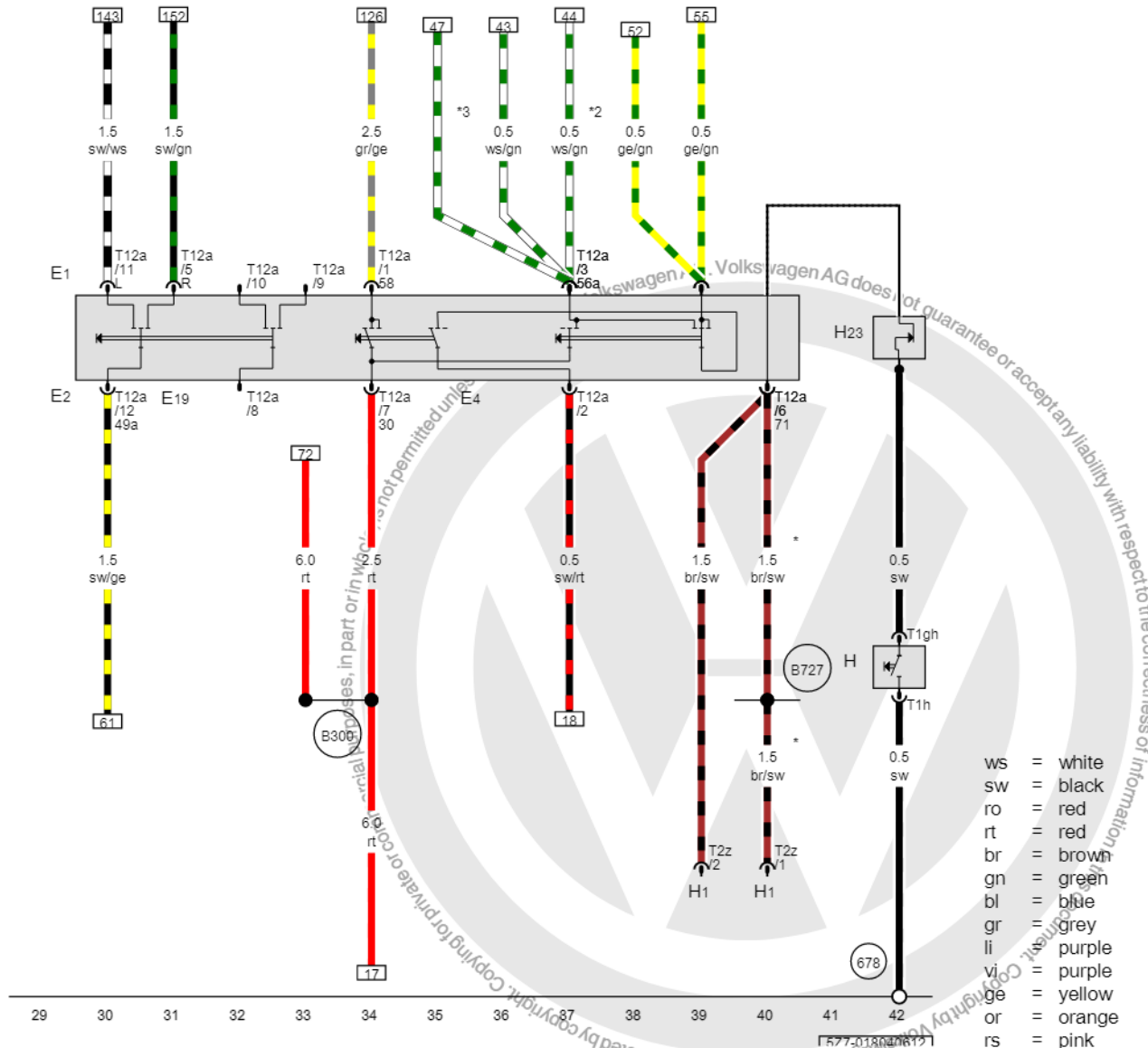
B300 Positive connection 4 (30), in main wiring harness

B727 Connection (71a), in main wiring harness

\* Only models with multifunction steering wheel

\*2 Only CROSS models

\*3 From October 2011



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Headlight main beam relay, Dipped beam relay

J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

T9b 9-pin connector

T10i 10-pin connector

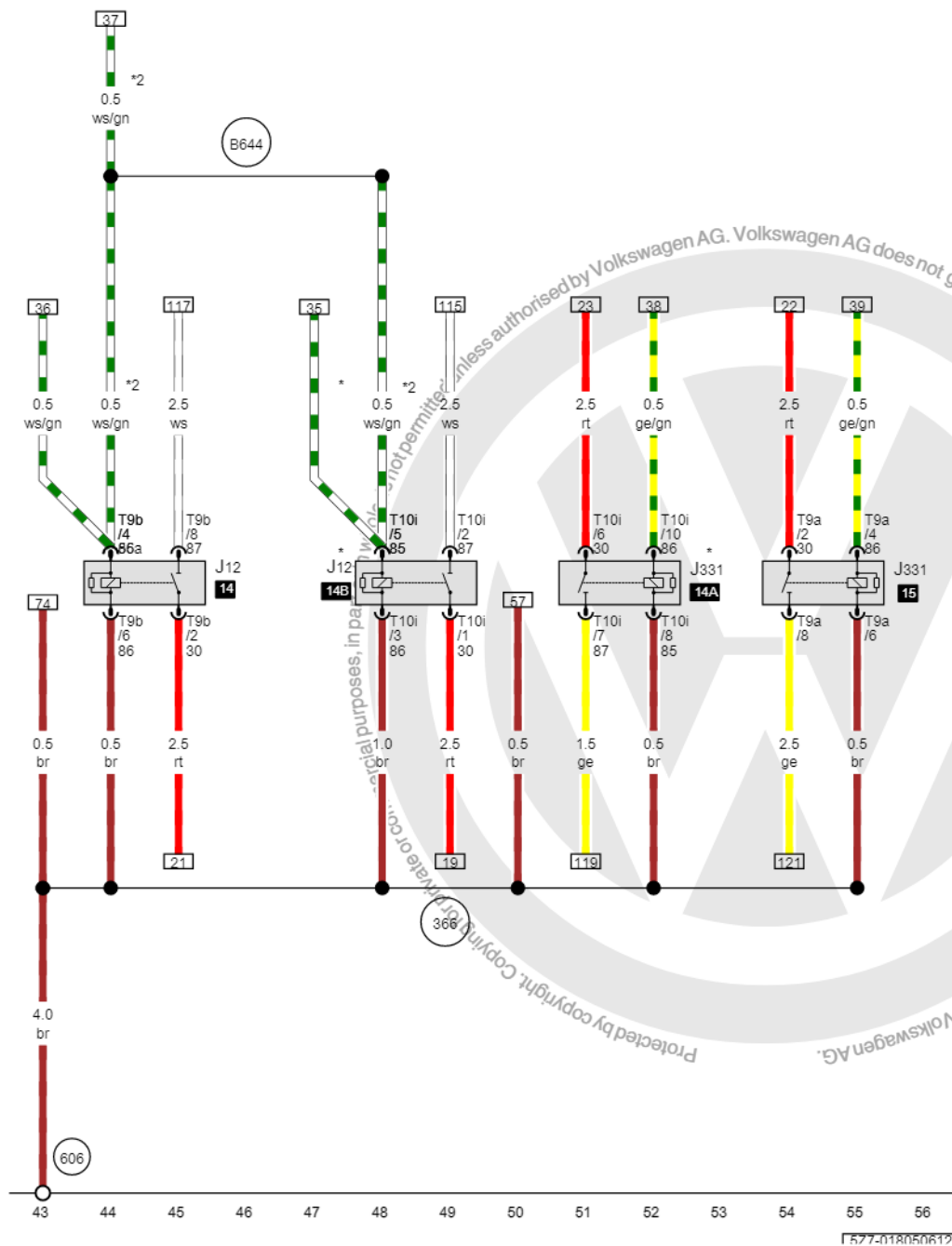
366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

\* From October 2011

\*2 Only CROSS models



Hazard warning light switch, Hazard warning light relay,  
Indicator lamp for hazard warning light

E3 Hazard warning light switch  
J2 Hazard warning light relay  
K6 Indicator lamp for hazard warning light  
T8e 8-pin connector  
T9I 9-pin connector  
T16a 16-pin connector

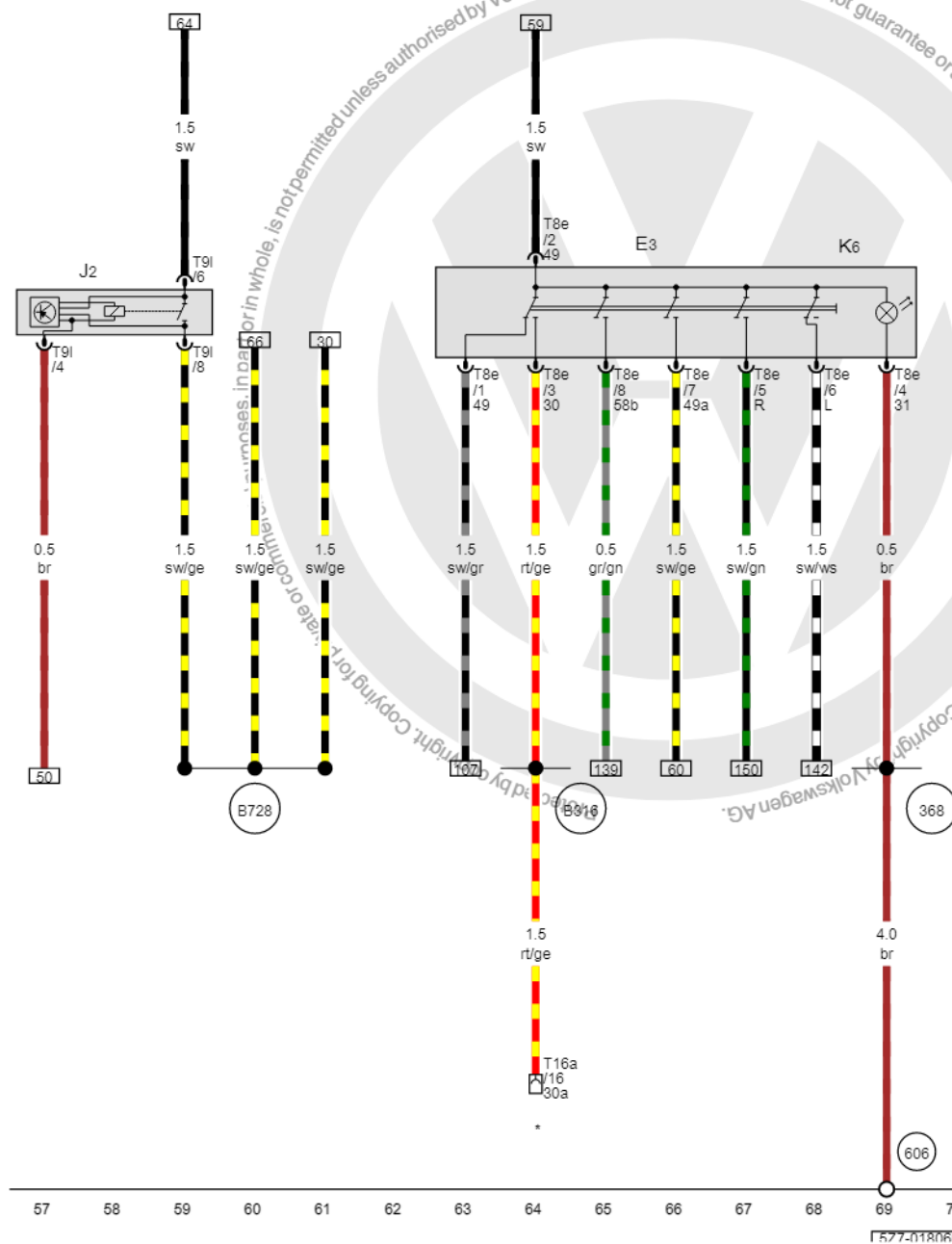
368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B316 Positive connection 2 (30a) in main wiring harness

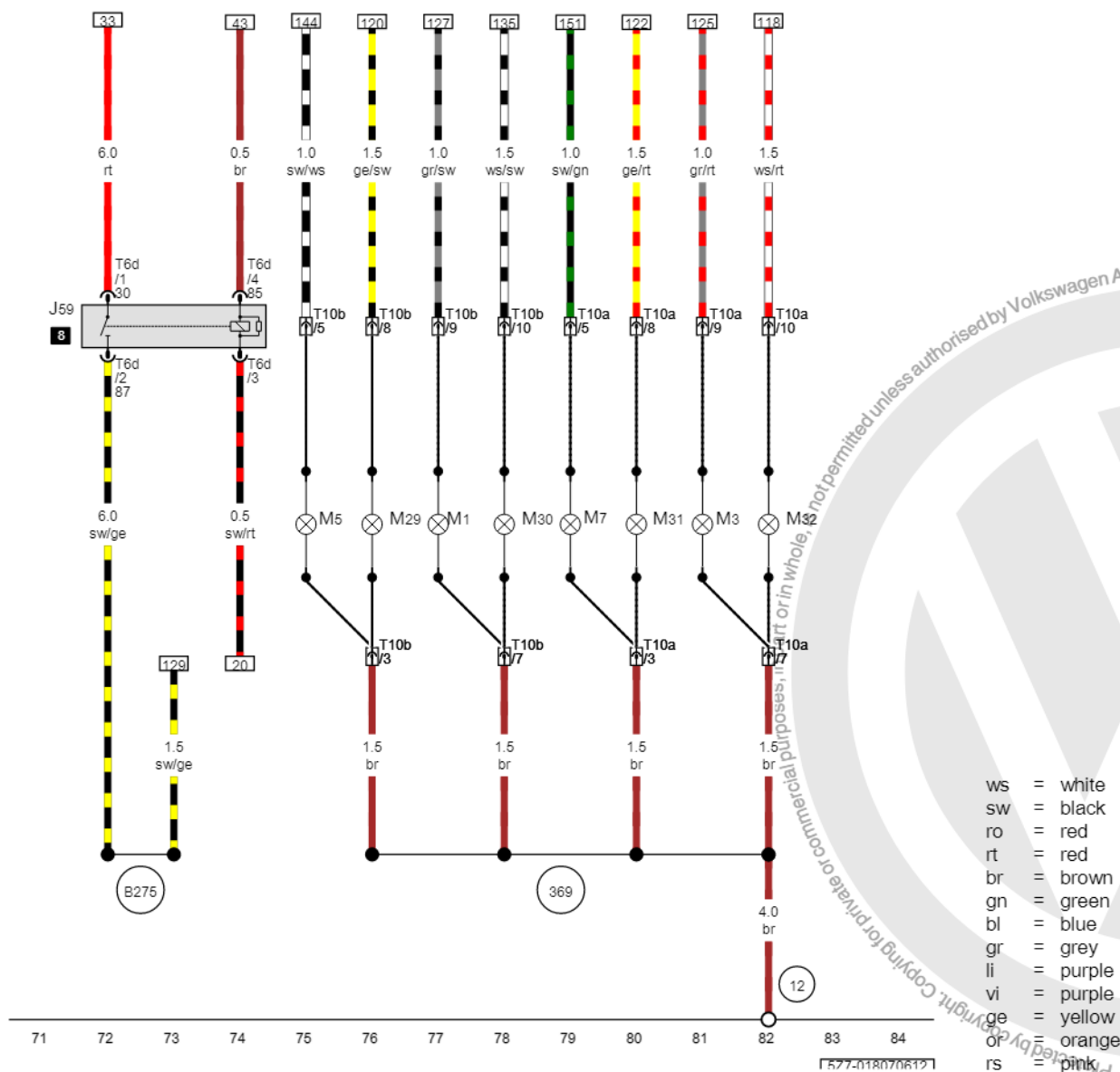
B728 Connection (49a), in main wiring harness

\* Diagnostic connection

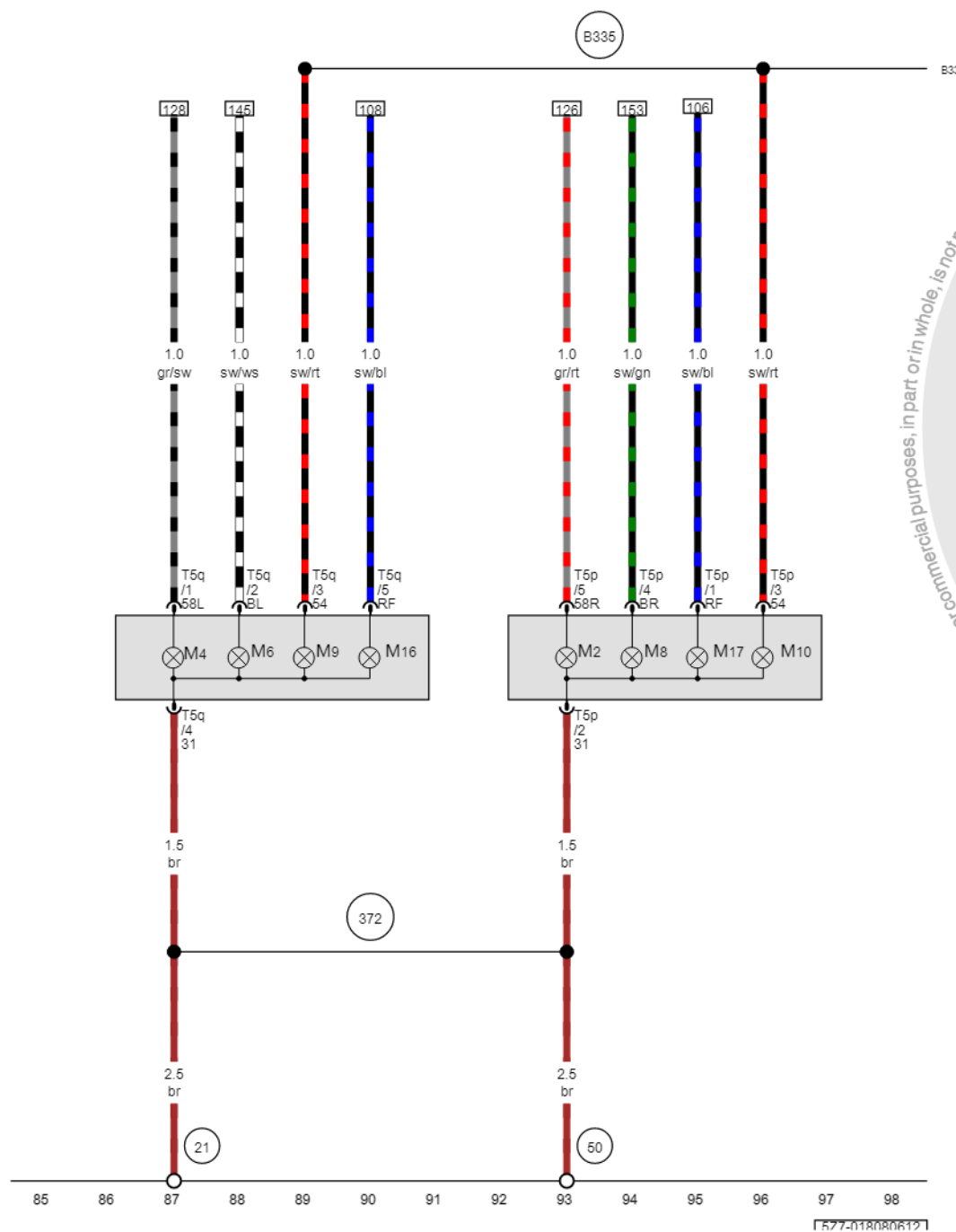


X-contact relief relay, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- J59 X-contact relief relay
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T6d 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B275 Positive connection (87), in main wiring harness



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

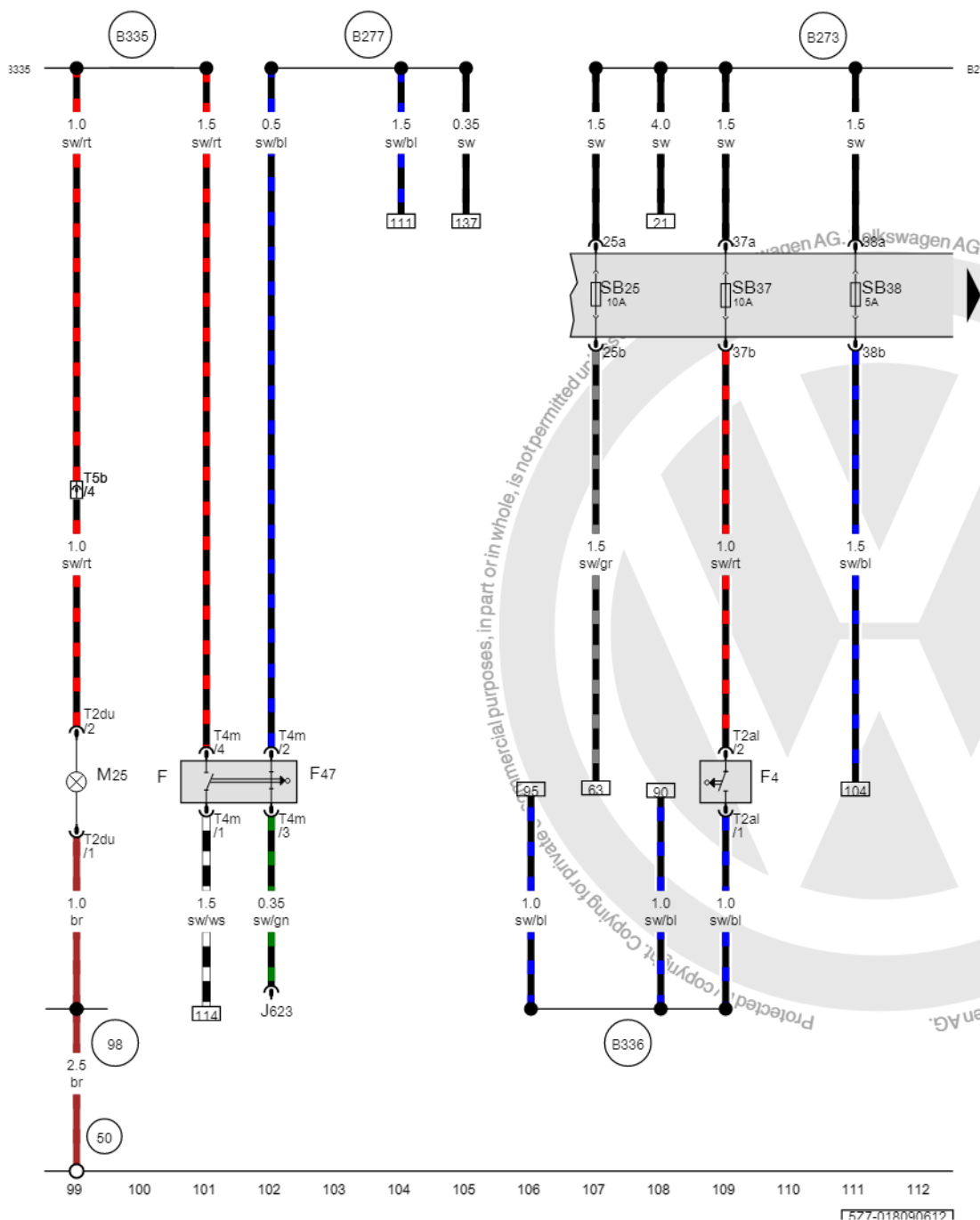


Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



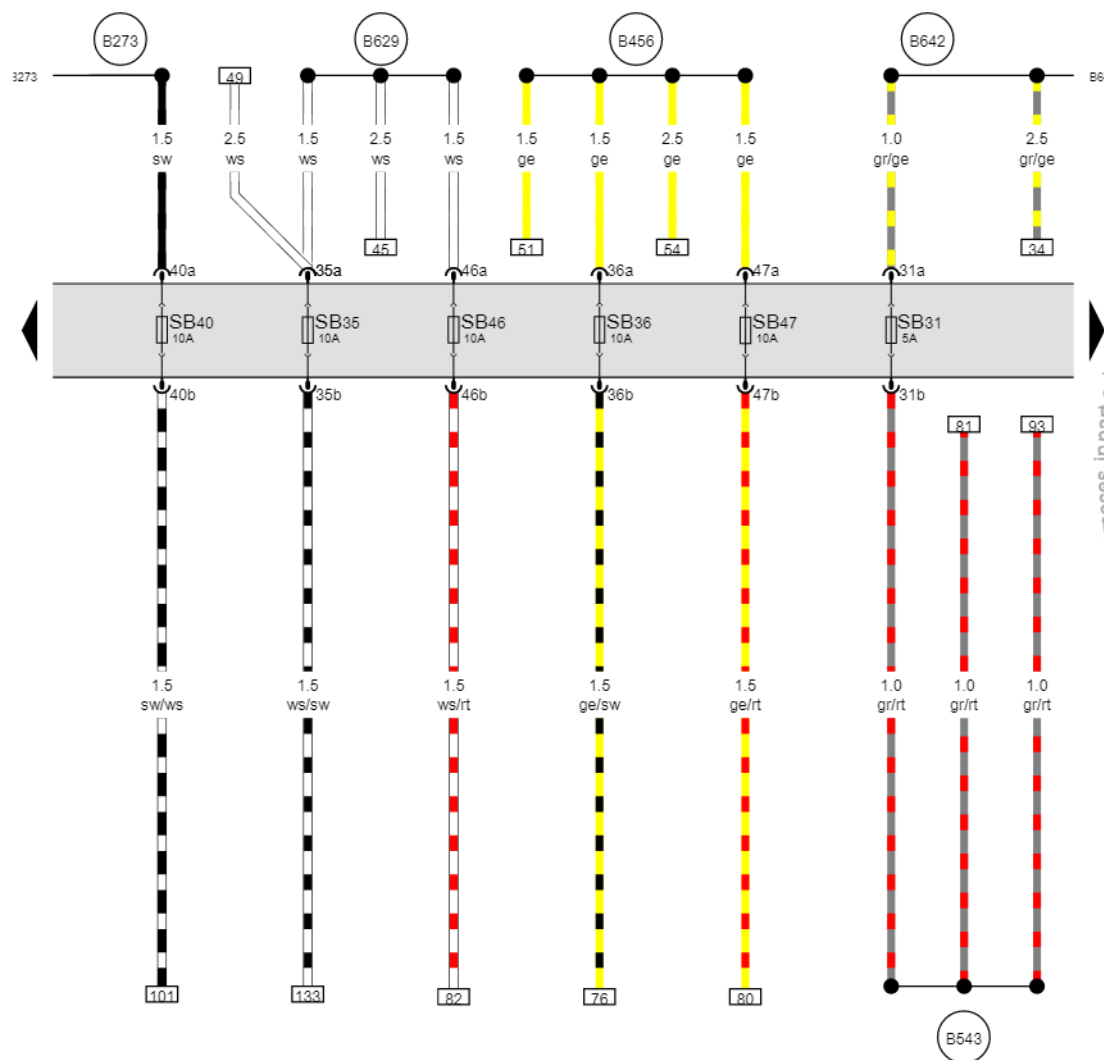
Brake light switch, Reversing light switch, Brake pedal switch, Additional brake light bulb

- |      |                             |
|------|-----------------------------|
| F    | Brake light switch          |
| F4   | Reversing light switch      |
| F47  | Brake pedal switch          |
| J623 | Engine control unit         |
| M25  | Additional brake light bulb |
| SB25 | Fuse 25 on fuse holder B    |
| SB37 | Fuse 37 on fuse holder B    |
| SB38 | Fuse 38 on fuse holder B    |
| T2a1 | 2-pin connector             |
| T2du | 2-pin connector             |
| T4m  | 4-pin connector             |
| T5b  | 5-pin connector             |

- |      |  |
|------|--|
| 50   | Earth point, on left in luggage compartment        |
| 98   | Earth connection, in rear lid wiring harness       |
| B273 | Positive connection (15), in main wiring harness   |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness          |
| B336 | Connection 2 (54), in main wiring harness          |

- |    |   |        |
|----|---|--------|
| ws | = | white  |
| sw | = | black  |
| ro | = | red    |
| rt | = | red    |
| br | = | brown  |
| gn | = | green  |
| bl | = | blue   |
| gr | = | grey   |
| li | = | purple |
| vi | = | purple |
| ge | = | yellow |
| or | = | orange |
| rs | = | pink   |



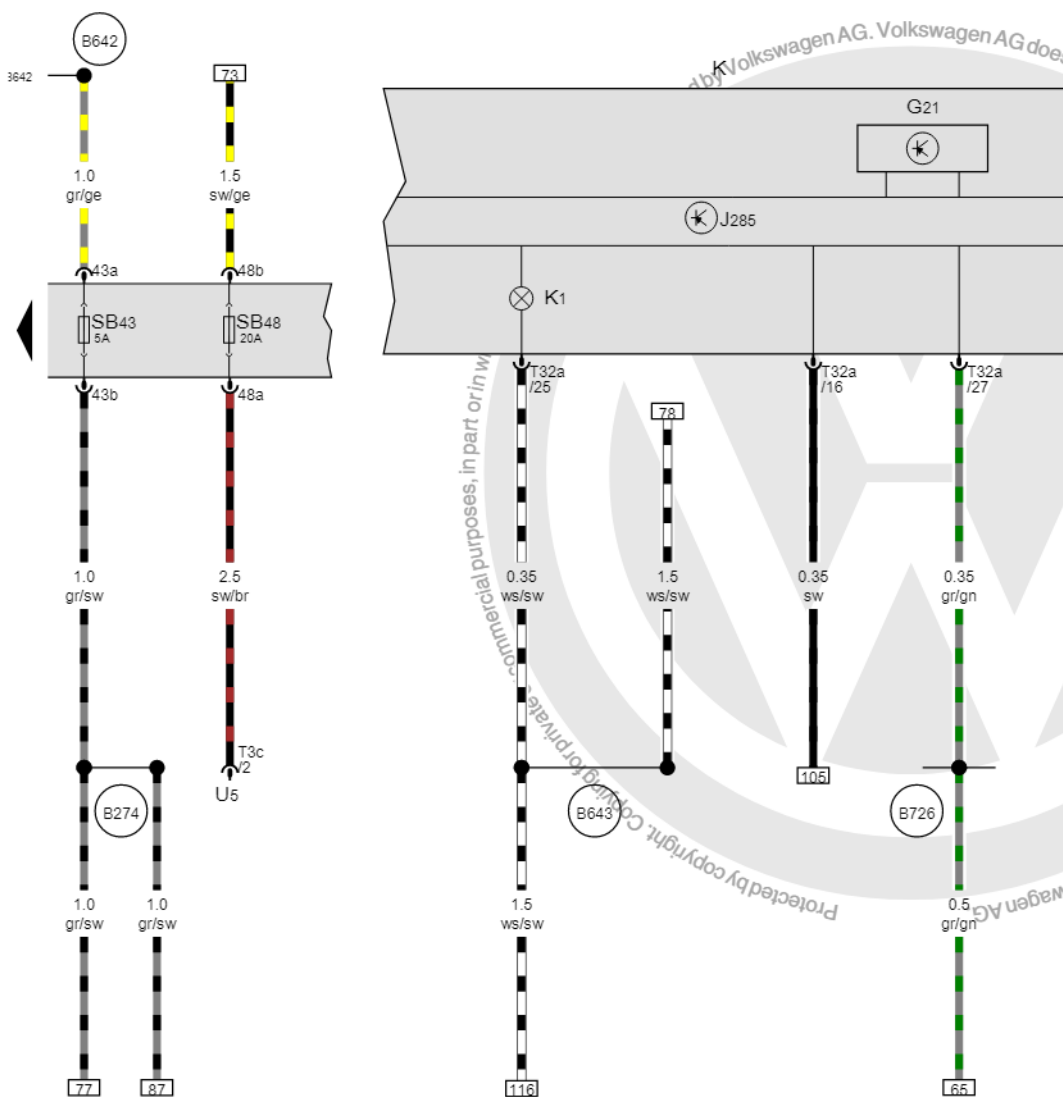


Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 36 on fuse holder B, Fuse 40 on fuse holder B, Fuse 46 on fuse holder B, Fuse 47 on fuse holder B

SB31 Fuse 31 on fuse holder B  
 SB35 Fuse 35 on fuse holder B  
 SB36 Fuse 36 on fuse holder B  
 SB40 Fuse 40 on fuse holder B  
 SB46 Fuse 46 on fuse holder B  
 SB47 Fuse 47 on fuse holder B

(B273) Positive connection (15), in main wiring harness  
 (B456) Connection (56b), in main wiring harness  
 (B543) Positive connection (58R), in main wiring harness  
 (B629) Connection (56a), in main wiring harness  
 (B642) Positive connection (58), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

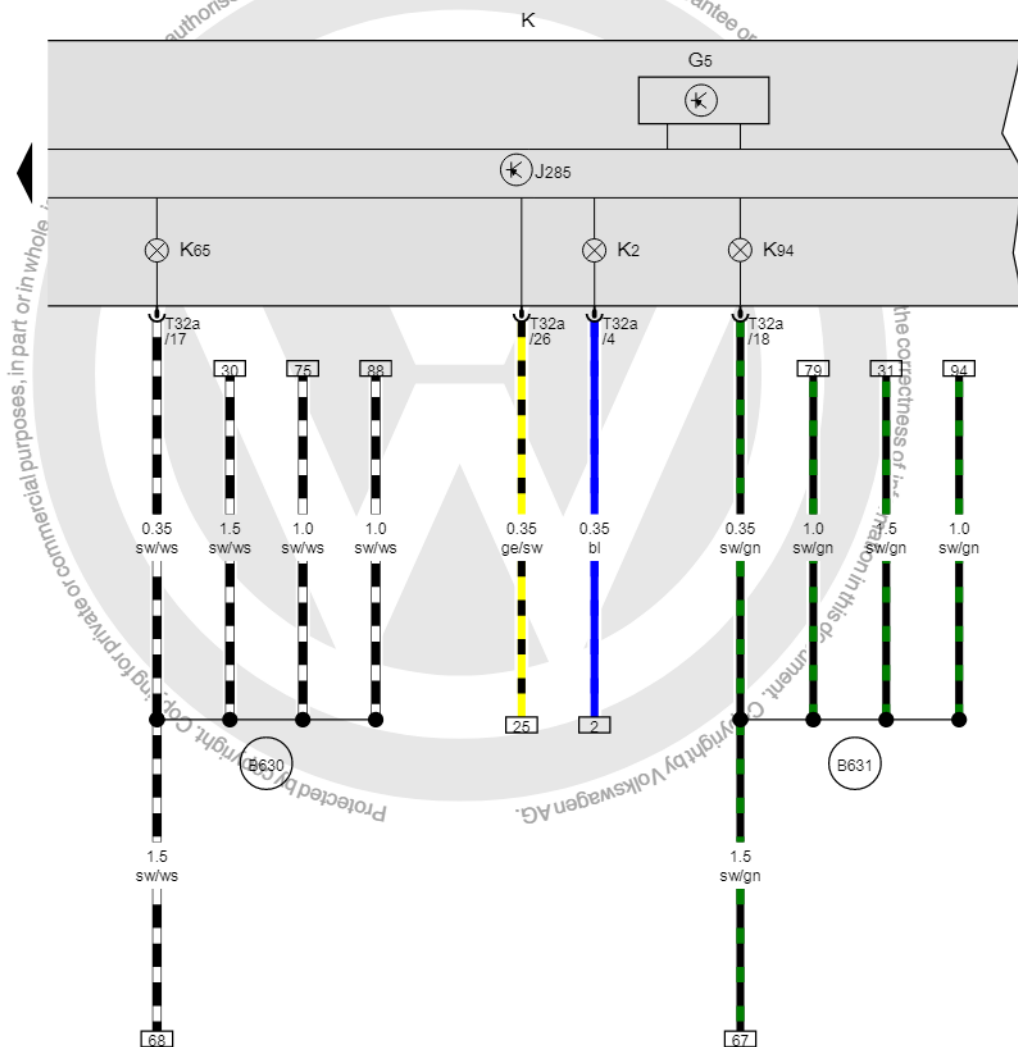


Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp

- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T3c 3-pin connector
- T32a 32-pin connector
- U5 12 V socket

- B274 Positive connection (58L), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- B643 Connection 2 (56a), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T32a 32-pin connector

- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

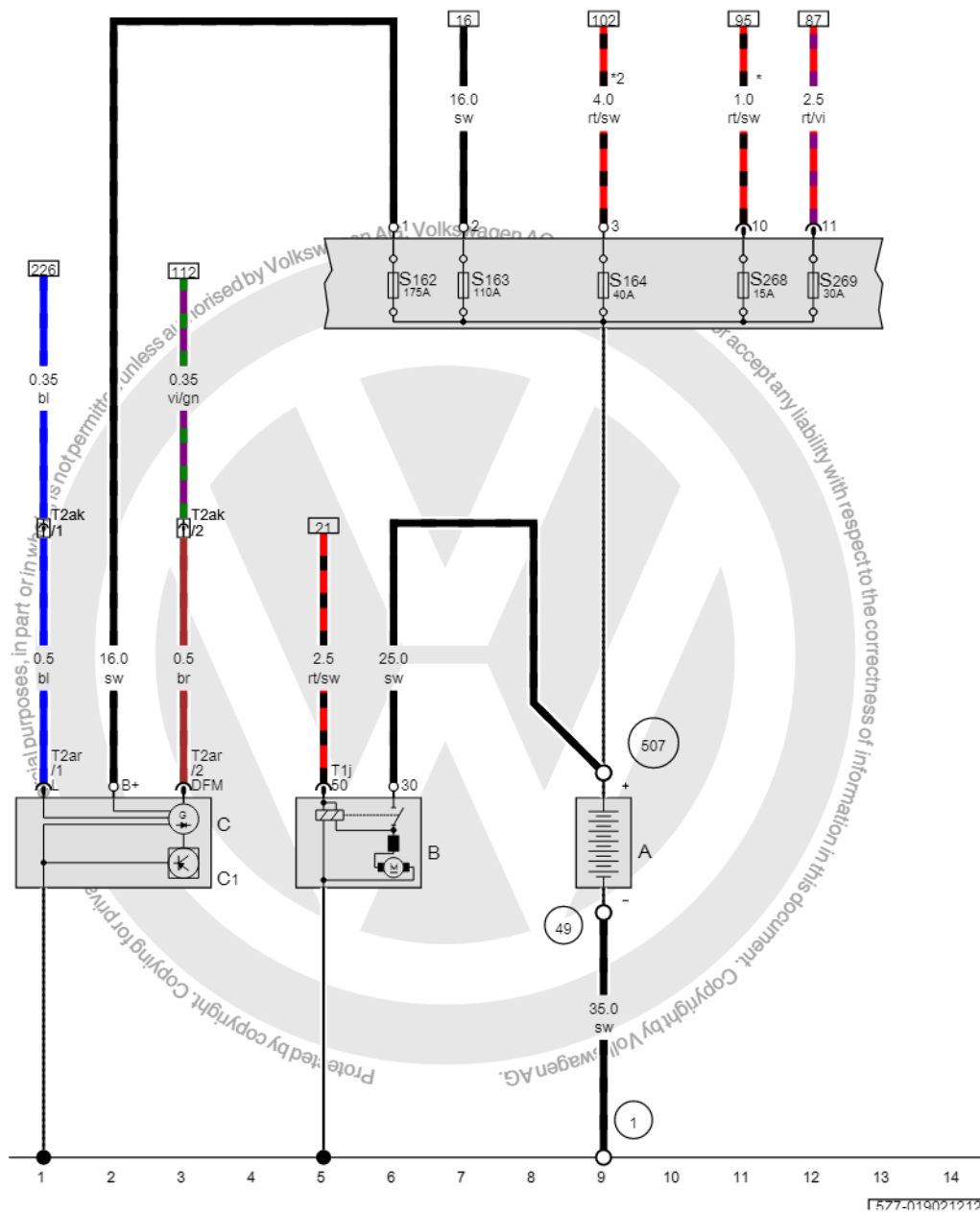
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1.6l engine , CCRA

From April 2012



Battery, Starter, Alternator, Voltage regulator, Fuse 1 (30), in battery fuse holder



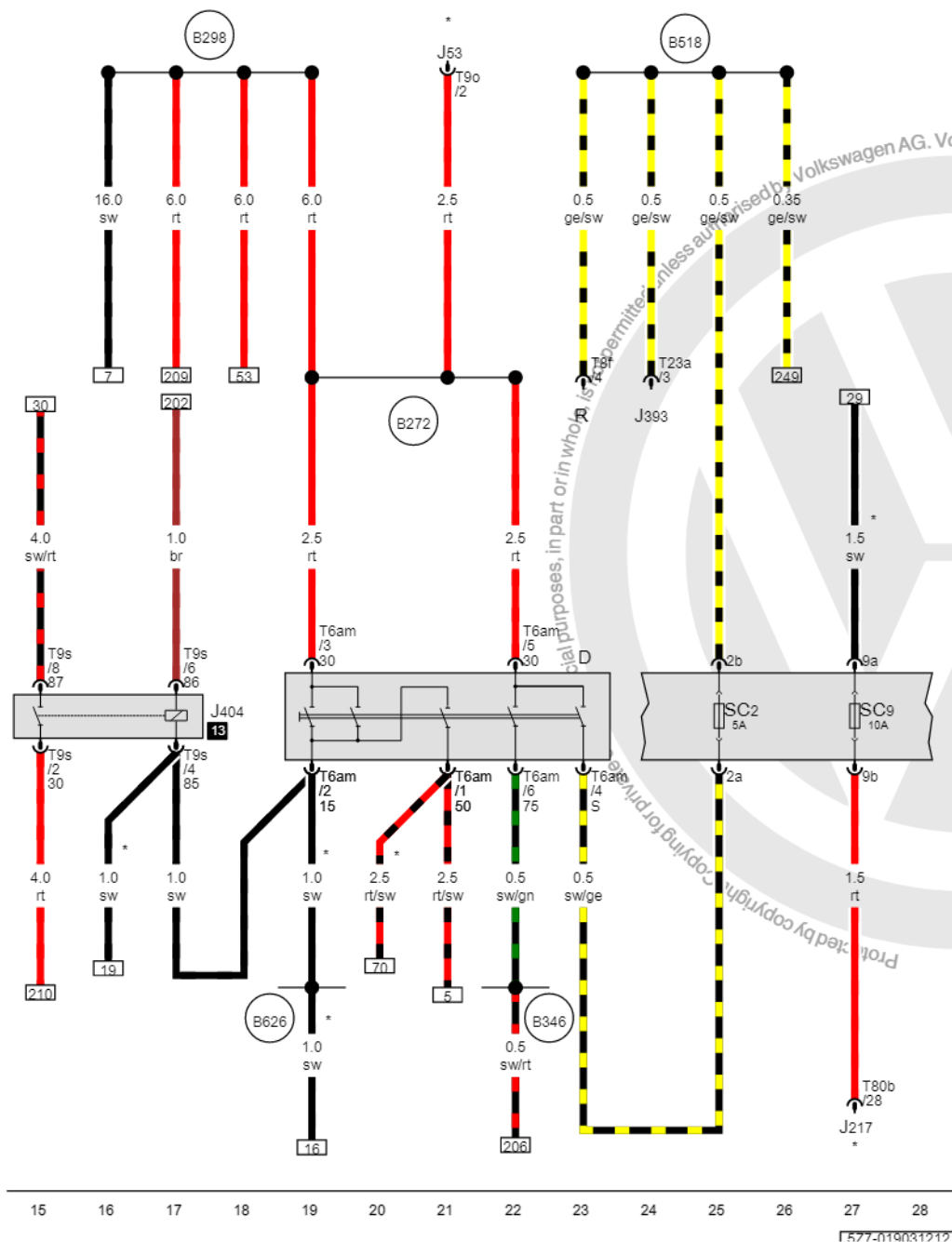
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S268 Fuse 10 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with automated manual gearbox
- \*2 Only models with air conditioning system

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Ignition/starter switch, Terminal 15 relief relay

- D Ignition/starter switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J393 Convenience system central control unit
- J404 Terminal 15 relief relay
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T6am 6-pin connector
- T8f 8-pin connector
- T9a 9-pin connector
- T9s 9-pin connector
- T23a 23-pin connector
- T80b 80-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B518 Connection (86s), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- \* Only models with automated manual gearbox



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T75a 75-pin connector

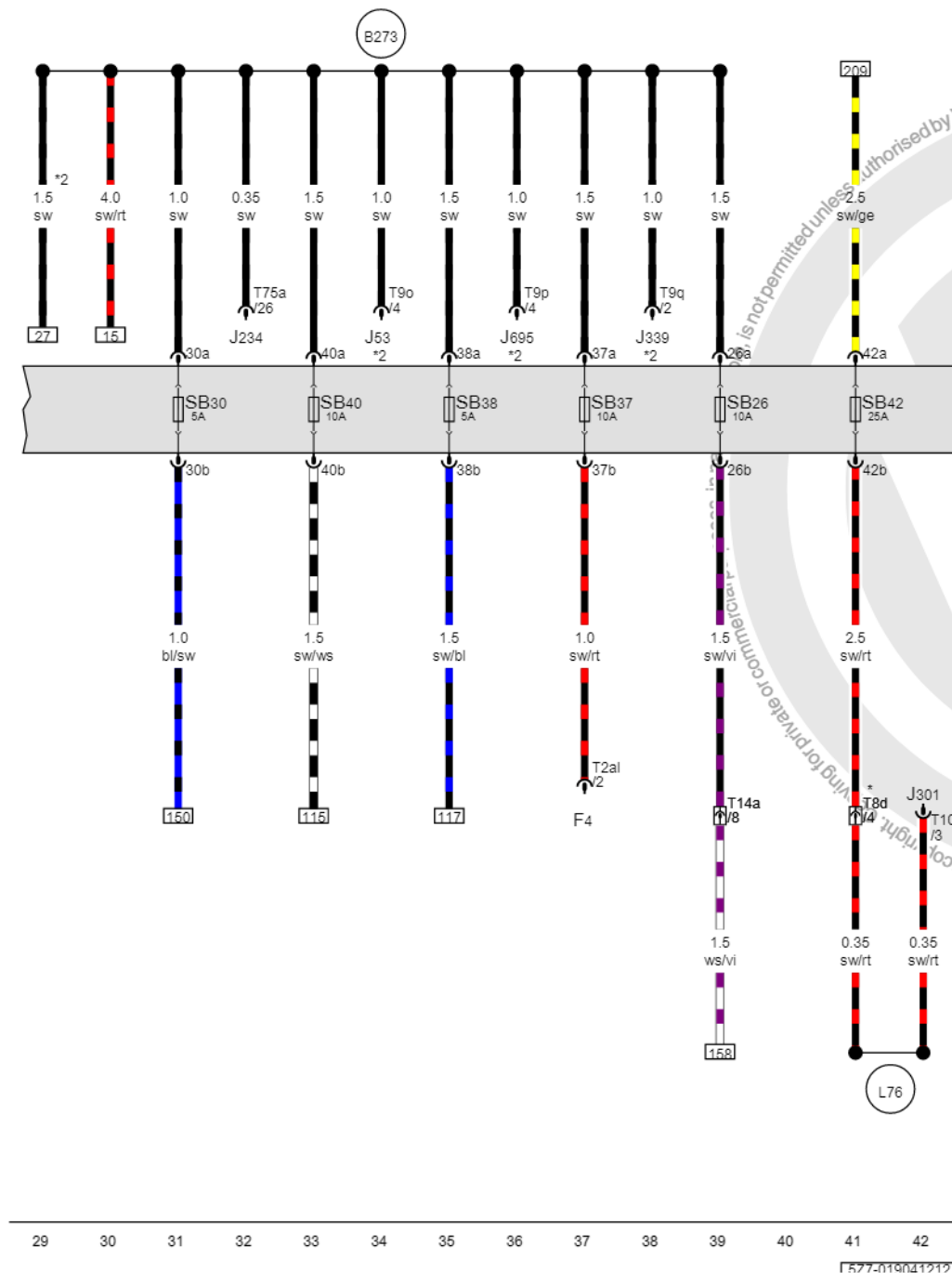
B273 Positive connection (15), in main wiring harness

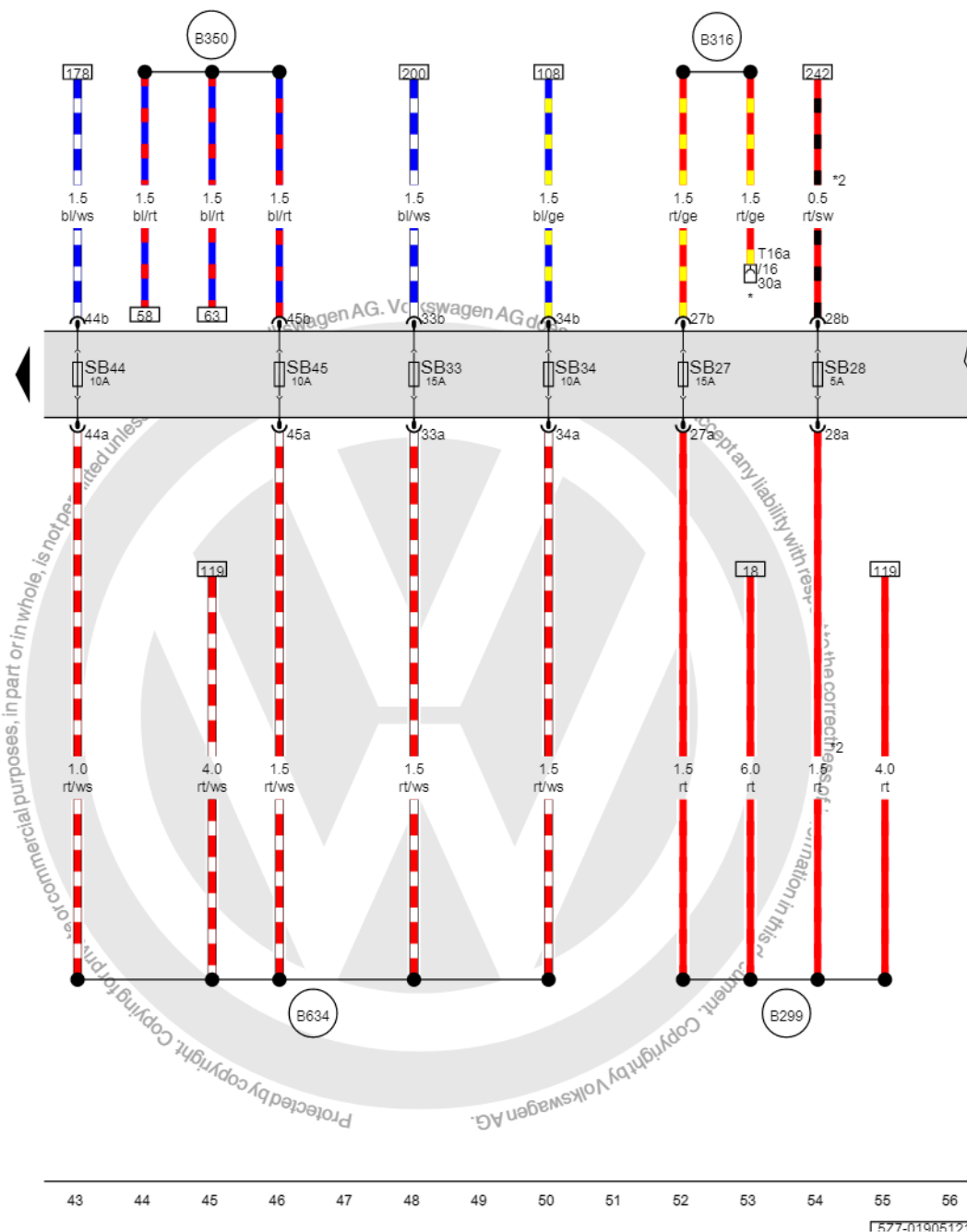
L76 Connection (87), in air conditioning system wiring harness

\* Only models with air conditioning system

\*2 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

- SB27 Fuse 27 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T16a 16-pin connector

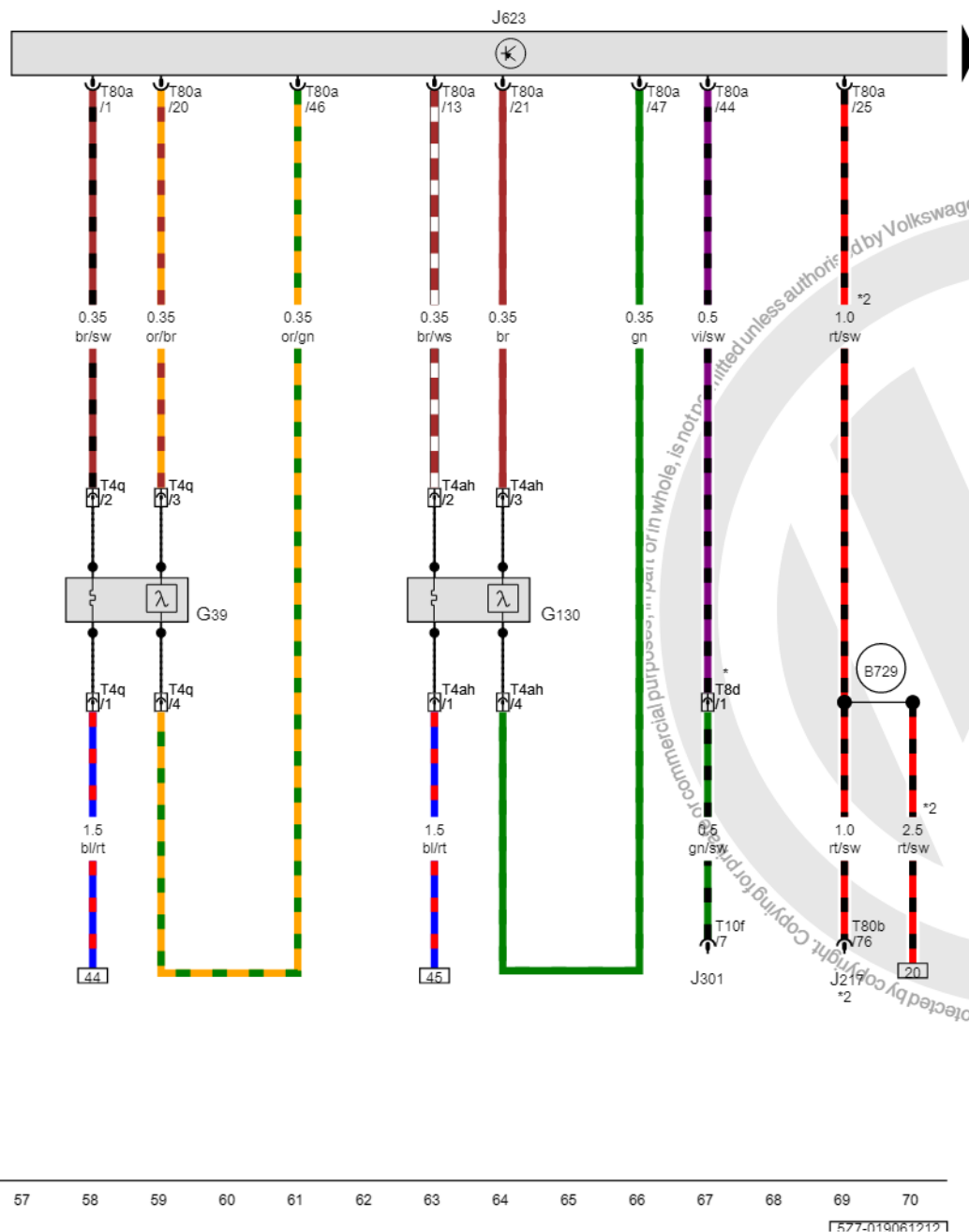
- B299 Positive connection 3 (30), in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B634 Positive connection 2 (87), in main wiring harness

- \* Diagnostic connection
- \*2 Only models with air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

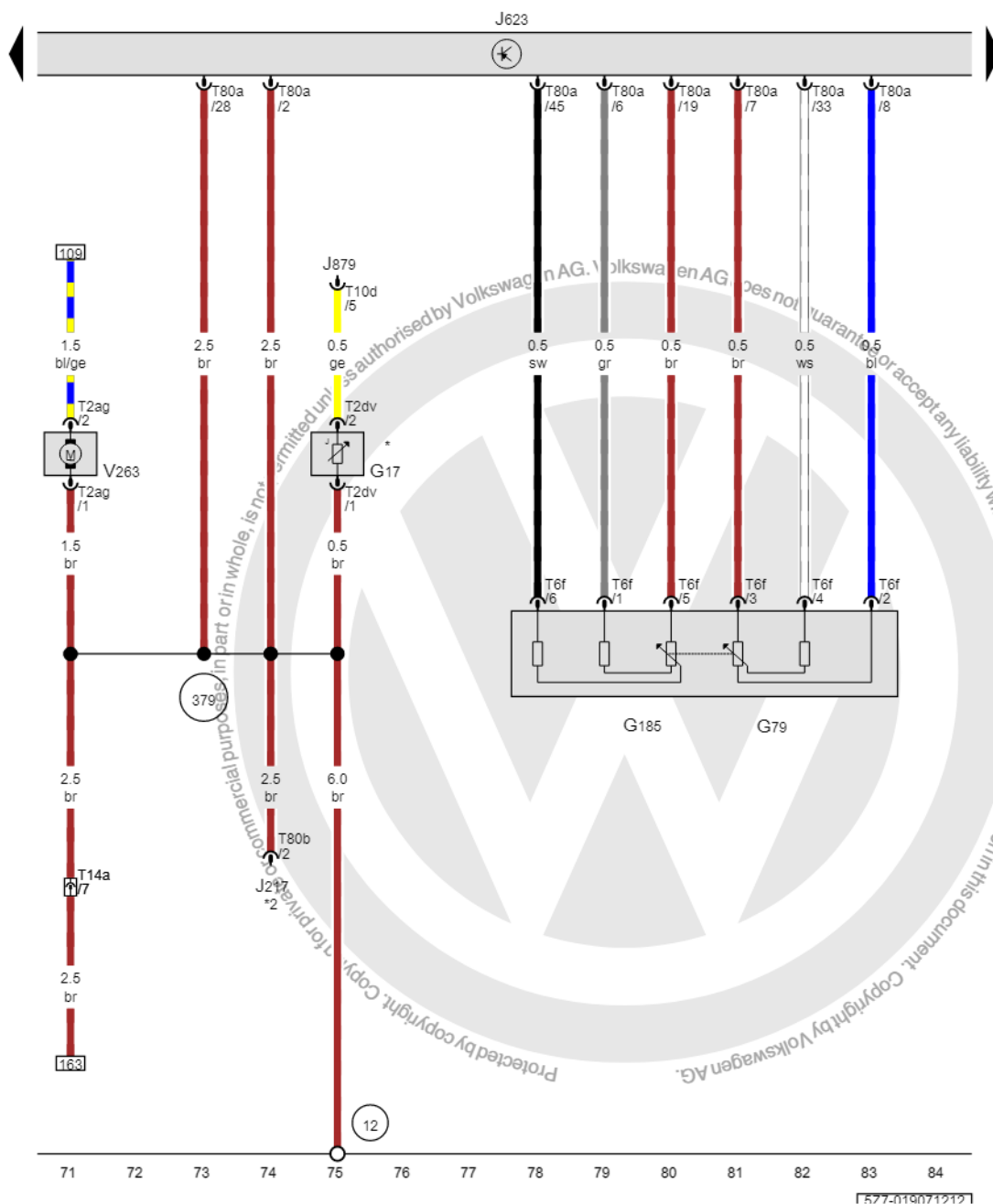


Lambda probe, Lambda probe after catalytic converter,  
Engine control unit



- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J623 Engine control unit
- T4ah 4-pin connector
- T4q 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- B729 Connection 1 (50), in main wiring harness
- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Ambient temperature sensor, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuel pump for cold start

- G17 Ambient temperature sensor
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- T2ag 2-pin connector
- T2dv 2-pin connector
- T6f 6-pin connector
- T10d 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector
- V263 Fuel pump for cold start

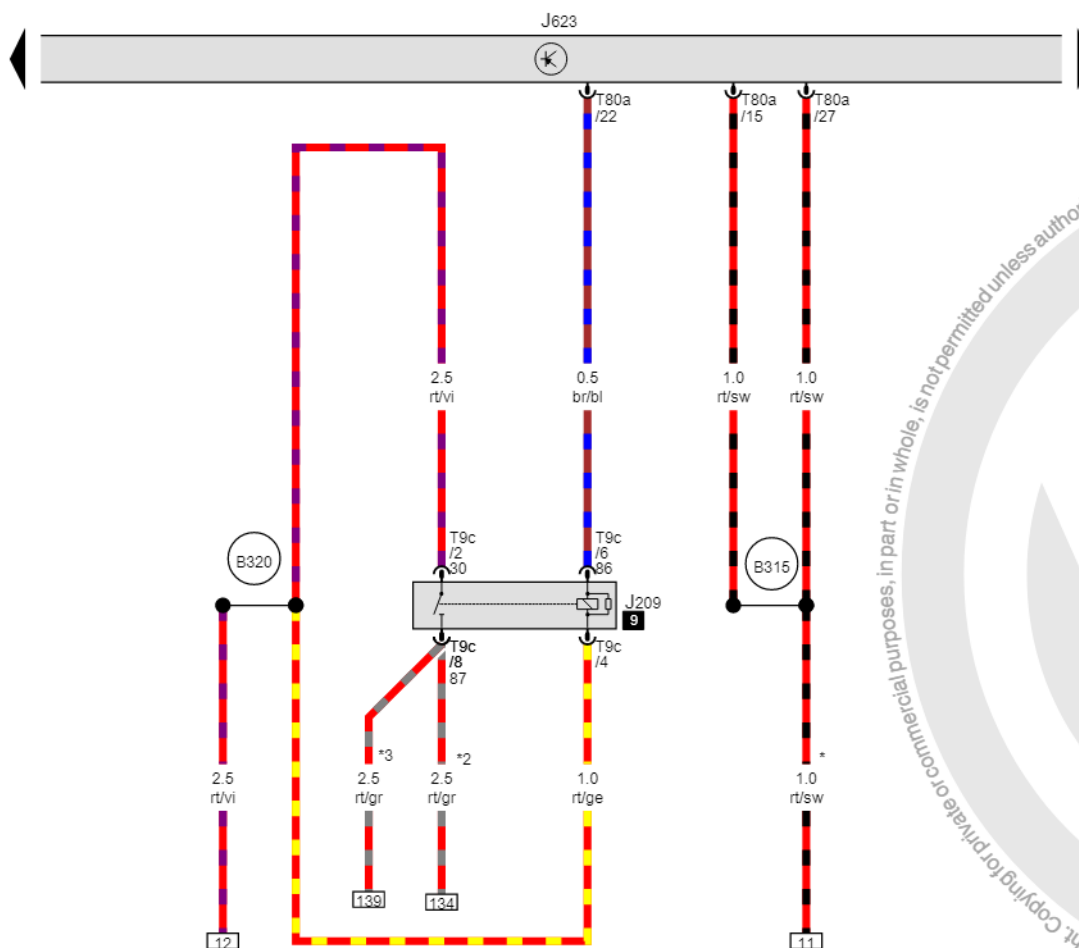
12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

\* For models with interactive system

\*2 Only models with automated manual gearbox

Fresh air blower and radiator fan relay, Engine control unit



J209 Fresh air blower and radiator fan relay  
J623 Engine control unit  
T9c 9-pin connector  
T80a 80-pin connector

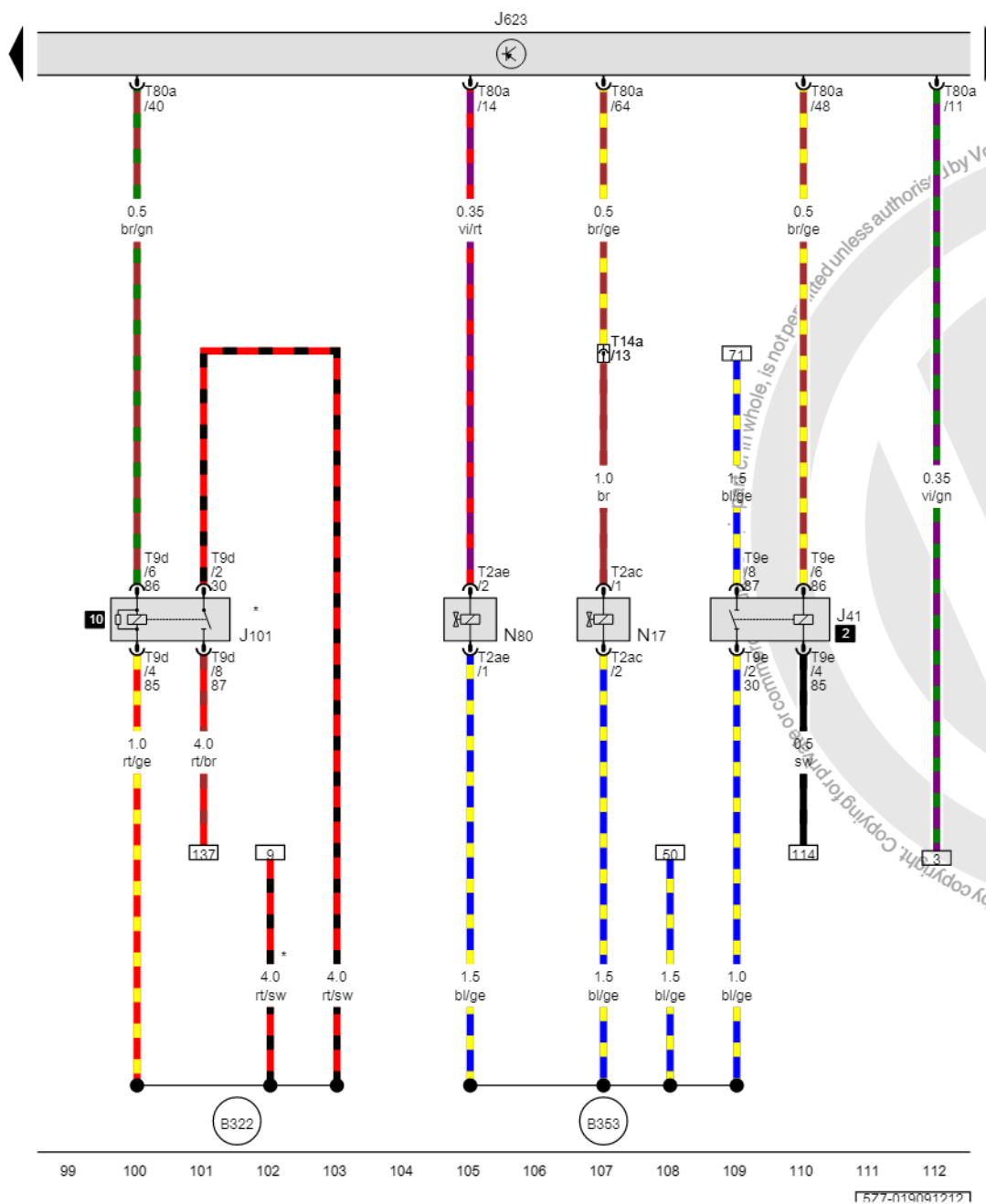
B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

\* Only models with automated manual gearbox  
\*2 Only models with no air conditioning system  
\*3 Only models with air conditioning system

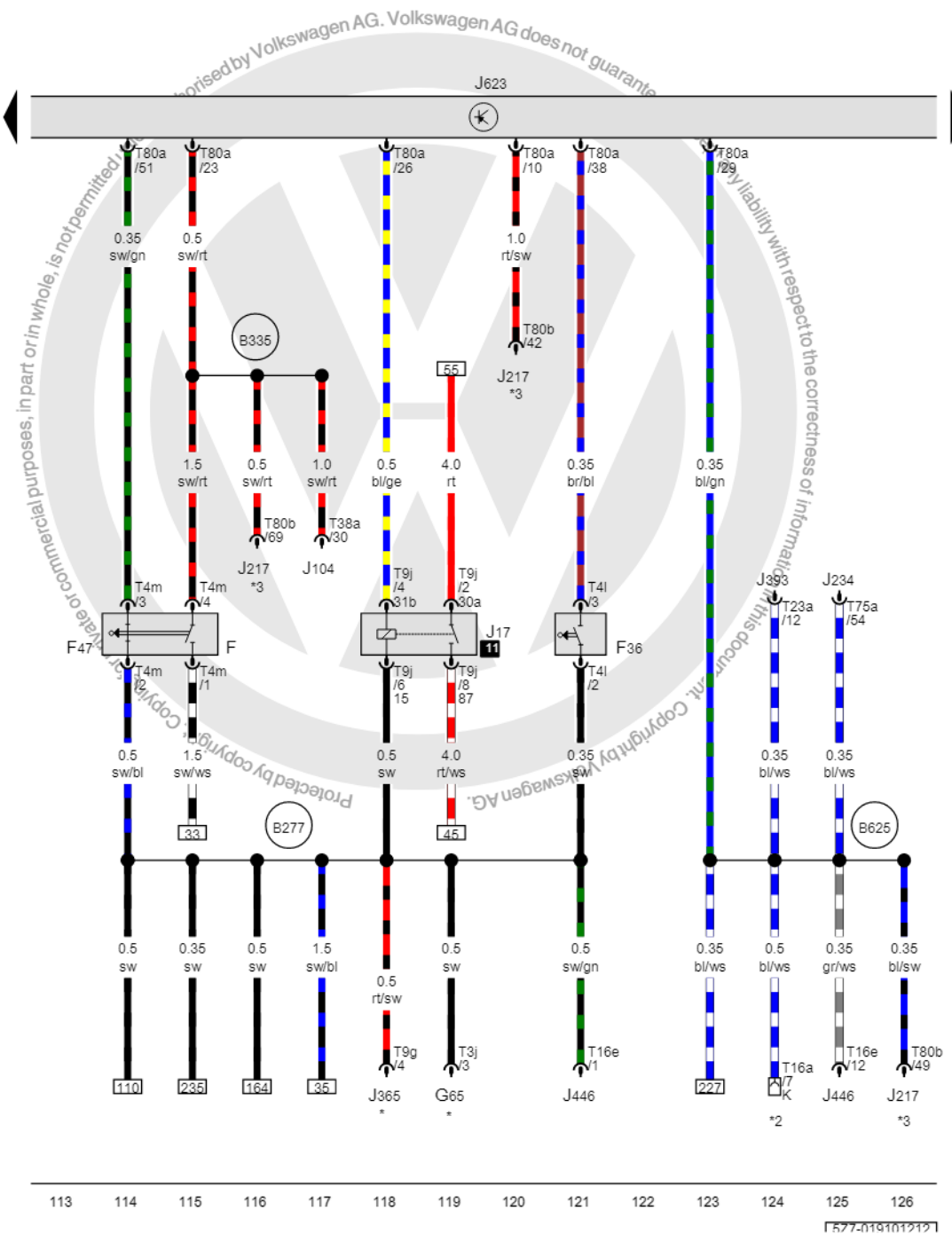
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Cold start device relay, Radiator fan 2nd speed relay,  
Engine control unit, Cold start valve, Activated charcoal filter  
solenoid valve 1



- J41 Cold start device relay
- J101 Radiator fan 2nd speed relay
- J623 Engine control unit
- N17 Cold start valve
- N80 Activated charcoal filter solenoid valve 1
- T2ac 2-pin connector
- T2ae 2-pin connector
- T9d 9-pin connector
- T9e 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- B322 Positive connection 8 (30a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- \* Only models with air conditioning system

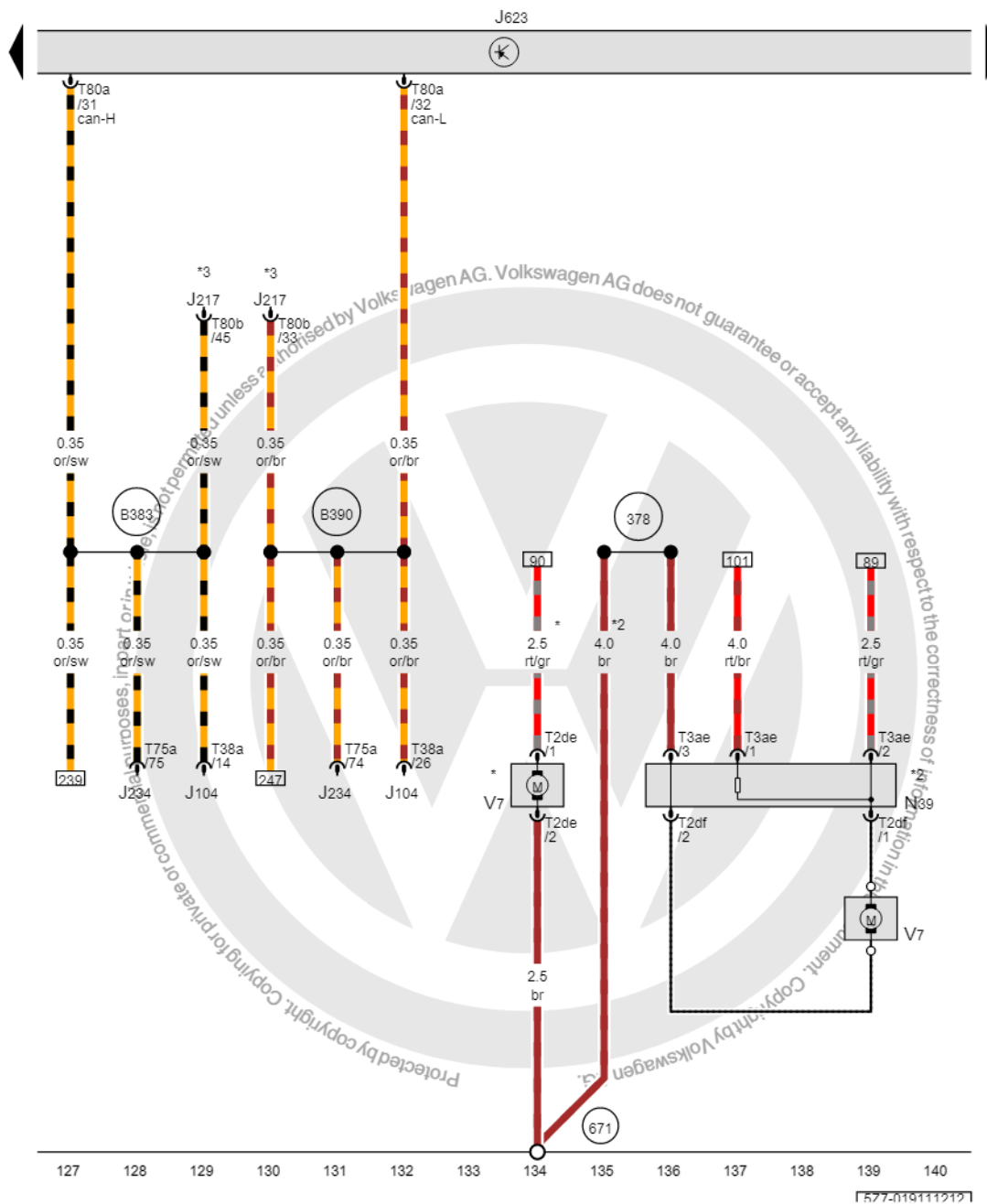
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit

- F Brake light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G65 High-pressure sender
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J365 Air conditioning system switch-off relay
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- T3j 3-pin connector
- T4l 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Only models with air conditioning system
- \*2 Diagnostic connection
- \*3 Only models with automated manual gearbox

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

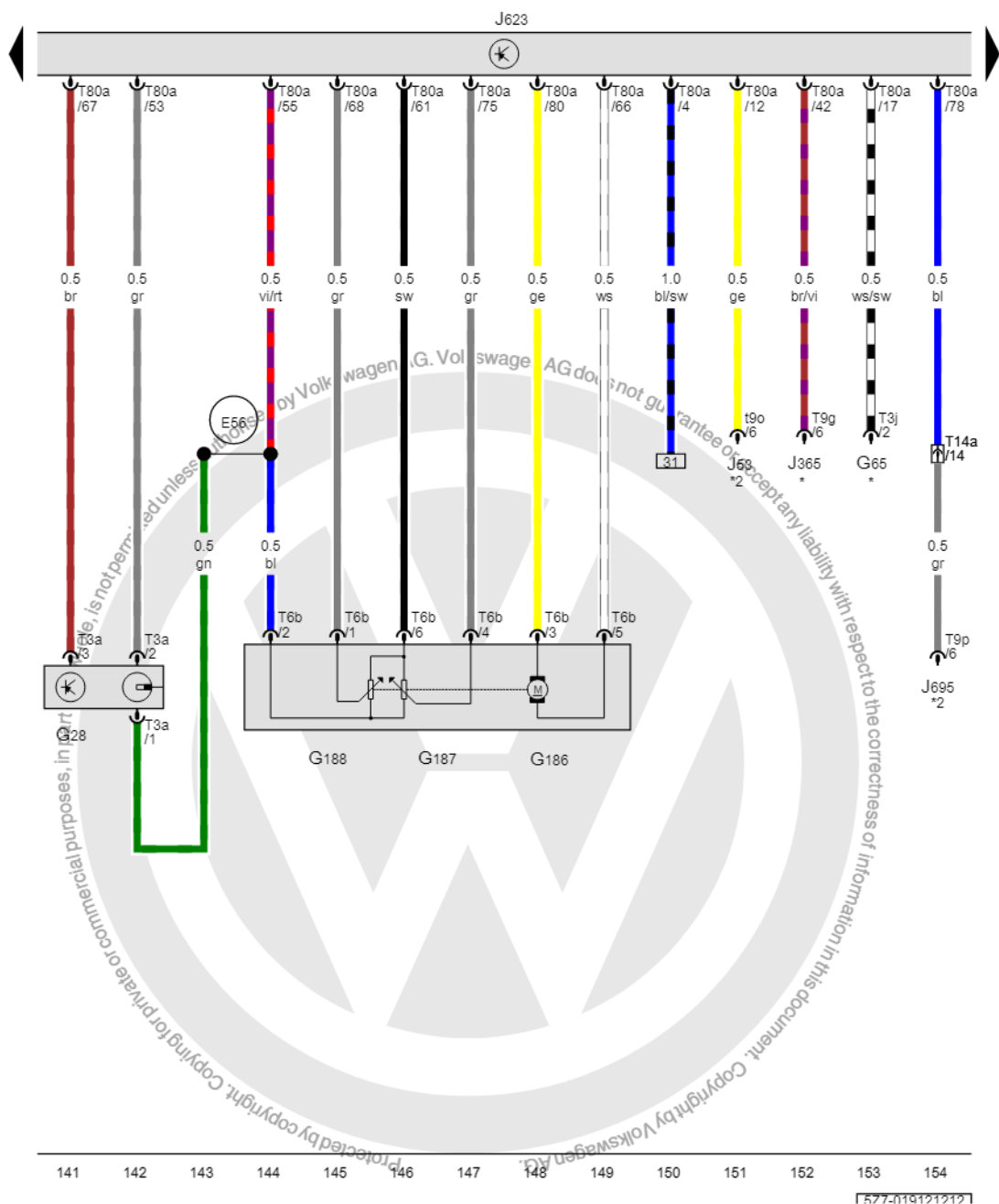


Engine control unit, Radiator fan series resistor, Radiator fan

- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- V7 Radiator fan

- 378 Earth connection 13, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with no air conditioning system
- \*2 Only models with air conditioning system
- \*3 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



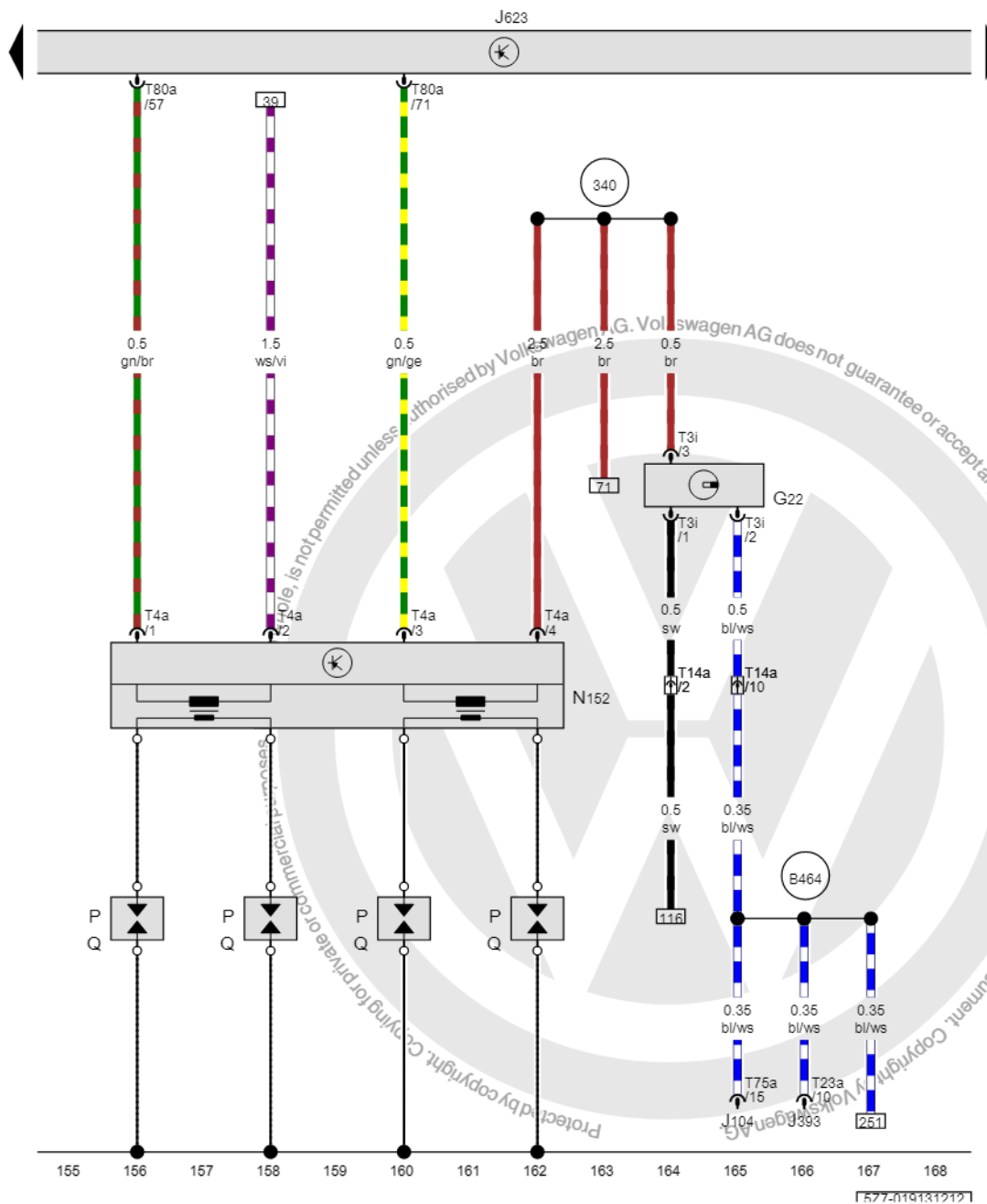
Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Starter motor relay, Engine control unit

- G28 Engine speed sender
- G65 High-pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J53 Starter motor relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- J695 Starter motor relay 2
- T3a 3-pin connector
- T3j 3-pin connector
- T6b 6-pin connector
- T9g 9-pin connector
- t9o 9-pin connector
- T9p 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

E56 Connection 1, in injection system wiring harness

- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox



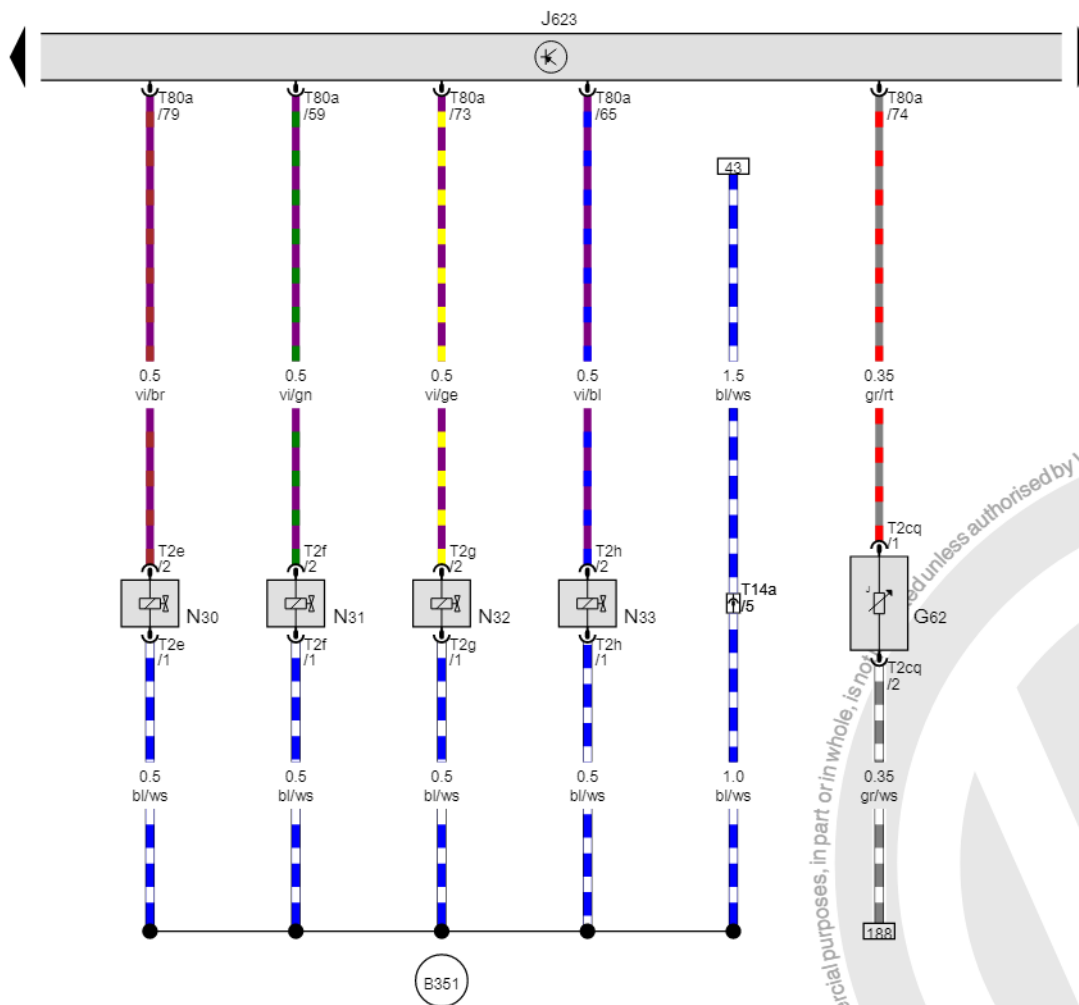


Speedometer sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

- G22 Speedometer sender
- J104 ABS control unit
- J393 Convenience system central control unit
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T3i 3-pin connector
- T4a 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- 340 Earth connection 2, in injection system wiring harness
- B464 Connection (speed signal), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink





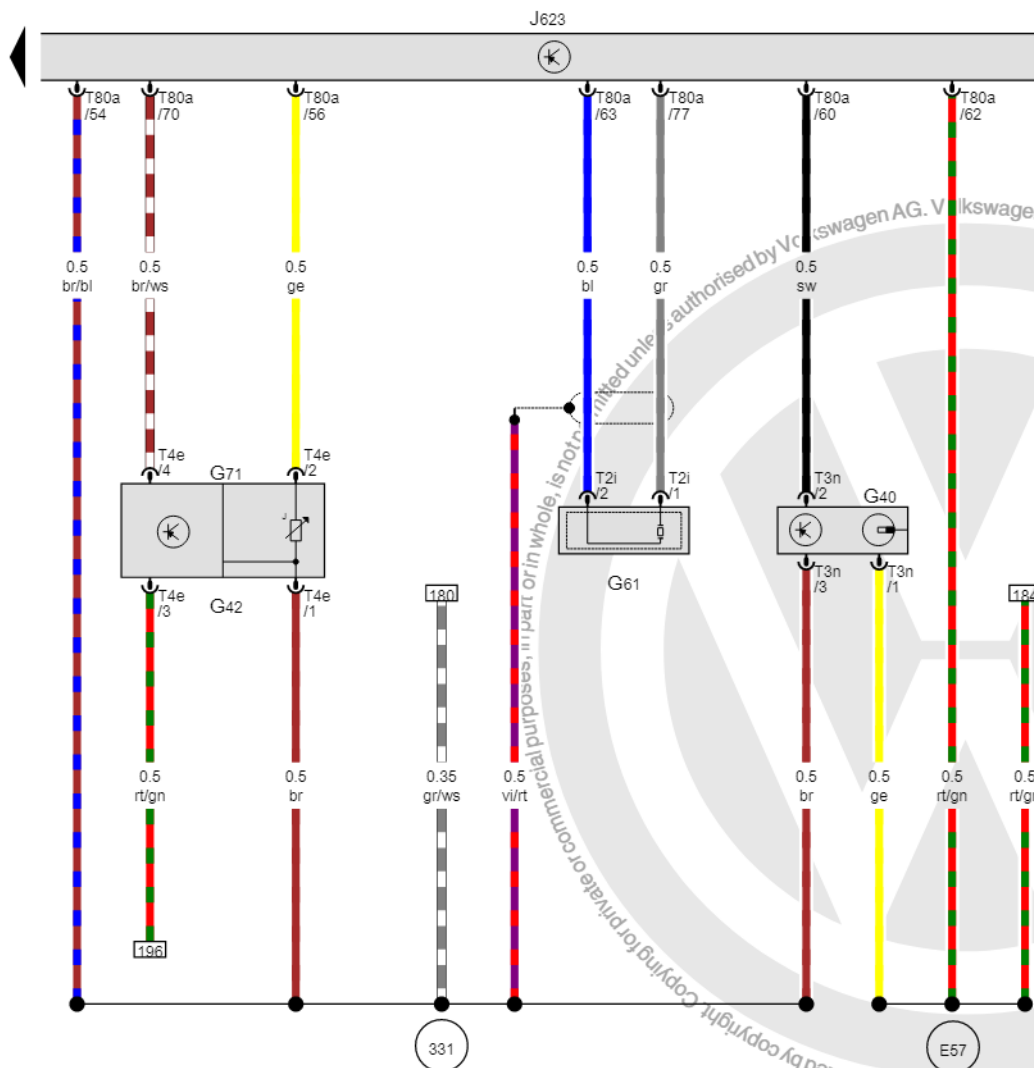
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cq 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

B351 Positive connection 2 (87a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine control unit



- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T80a 80-pin connector

(331) Earth connection, in injection system wiring harness

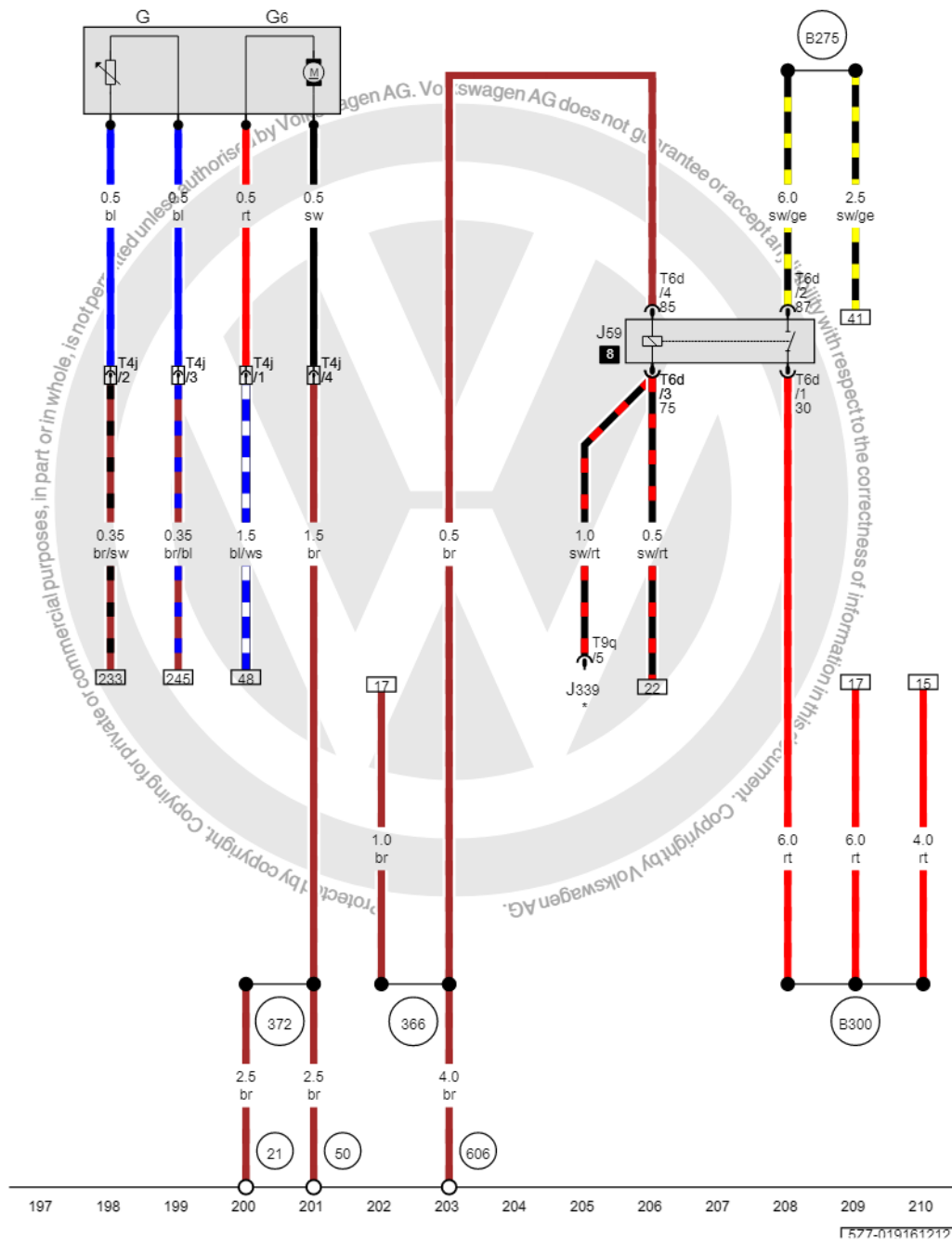
(E57) Connection 2, in injection system wiring harness

- ws = white
- sw = black
- rg = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T4j 4-pin connector
- T6d 6-pin connector
- T9q 9-pin connector

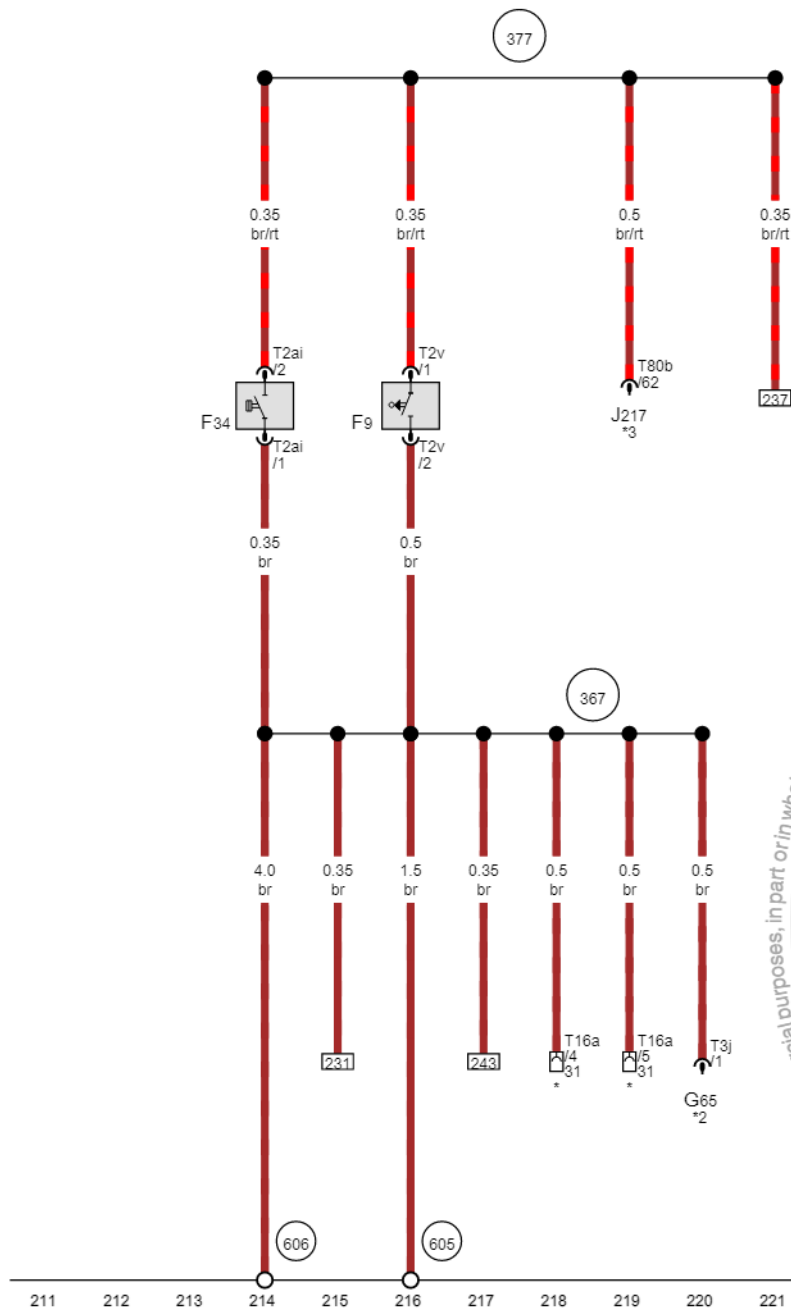
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- \* Only models with automated manual gearbox



Handbrake warning switch, Brake fluid level warning contact

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G65 High-pressure sender
- J217 Automatic gearbox control unit
- T2ai 2-pin connector
- T2v 2-pin connector
- T3j 3-pin connector
- T16a 16-pin connector
- T80b 80-pin connector

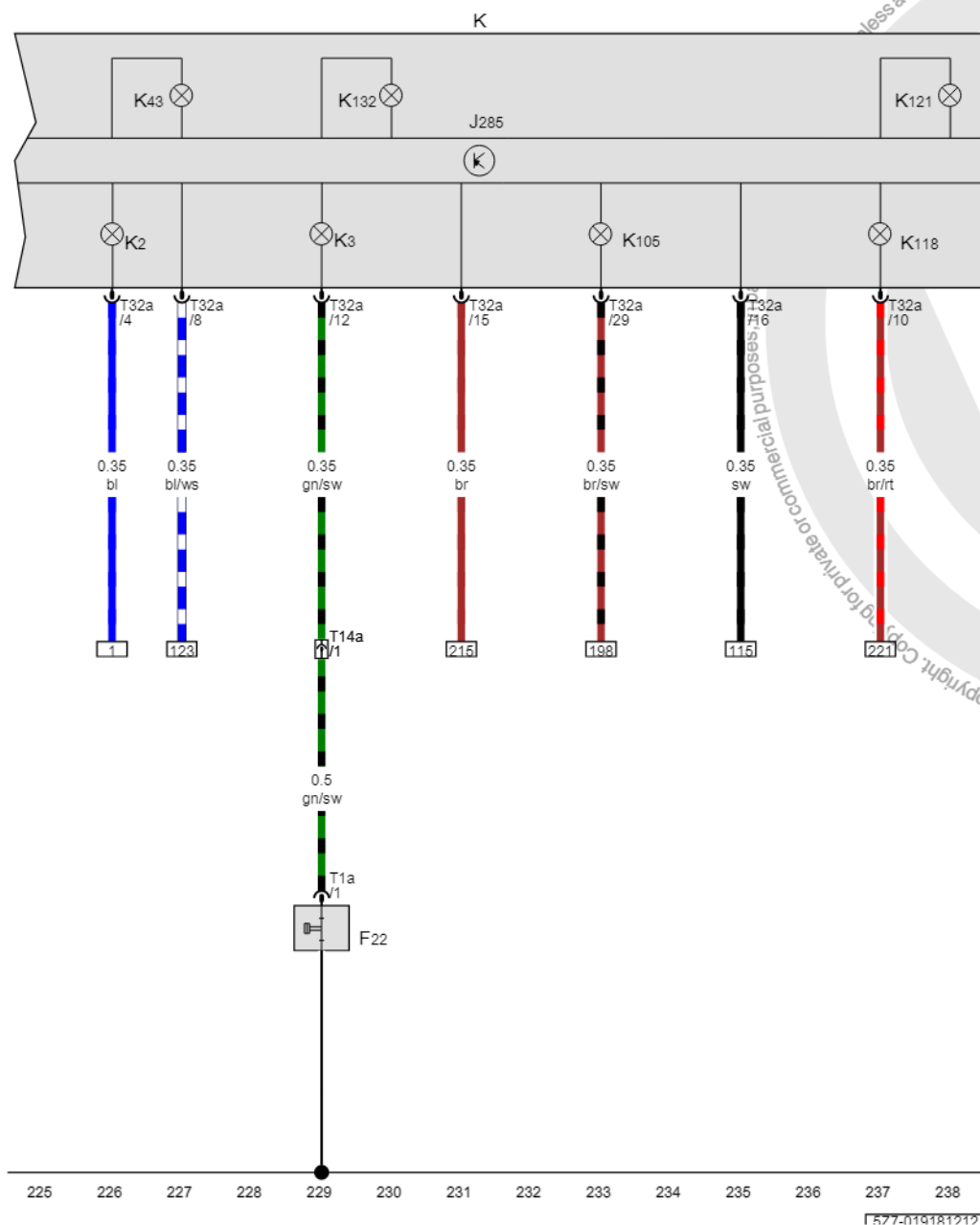
- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- \* Diagnostic connection
- \*2 Only models with air conditioning system
- \*3 Only models with automated manual gearbox



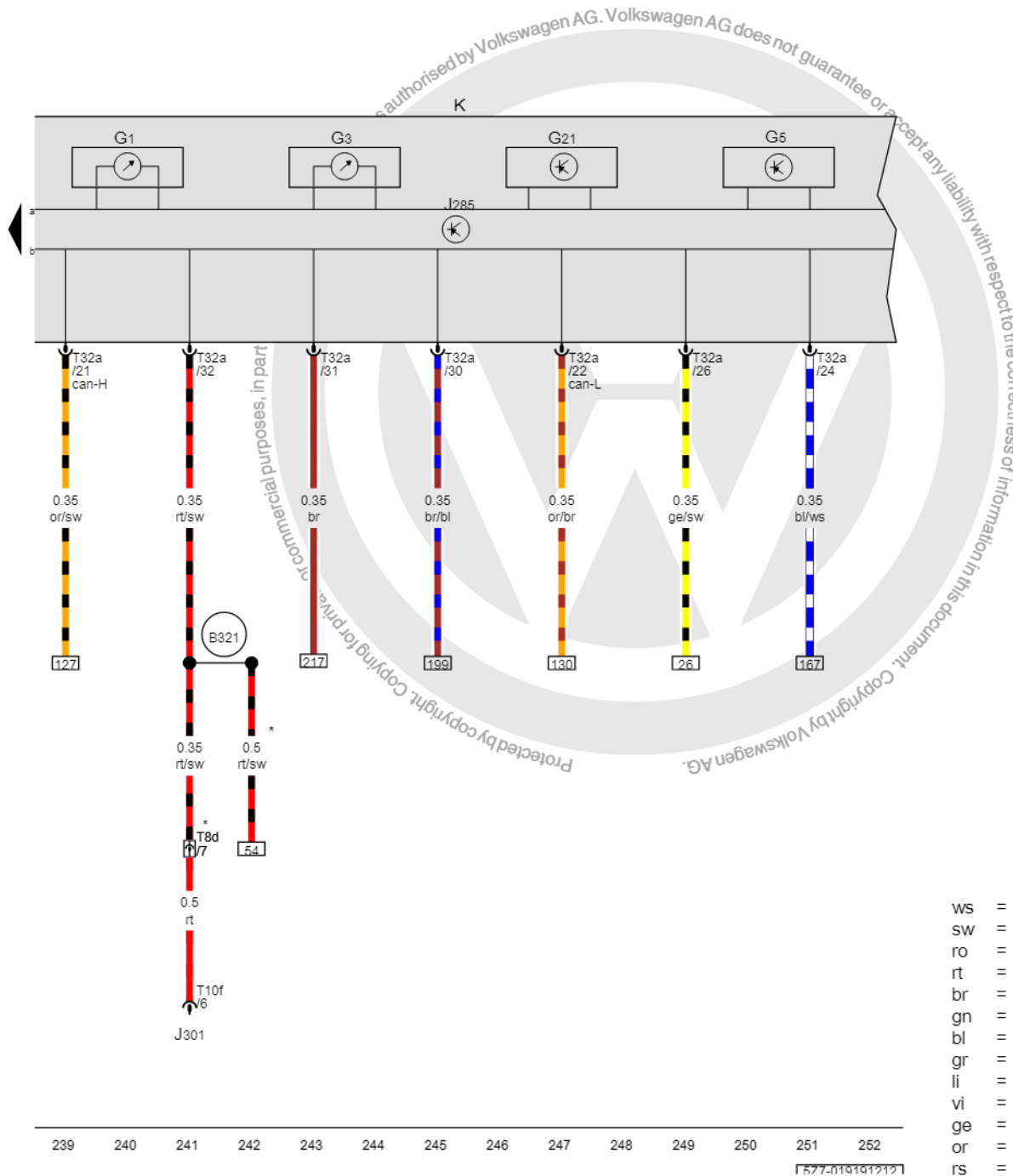
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- K Dash panel insert
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T32a 32-pin connector
- B321 Positive connection 7 (30a) in main wiring harness
- \* Only models with air conditioning system

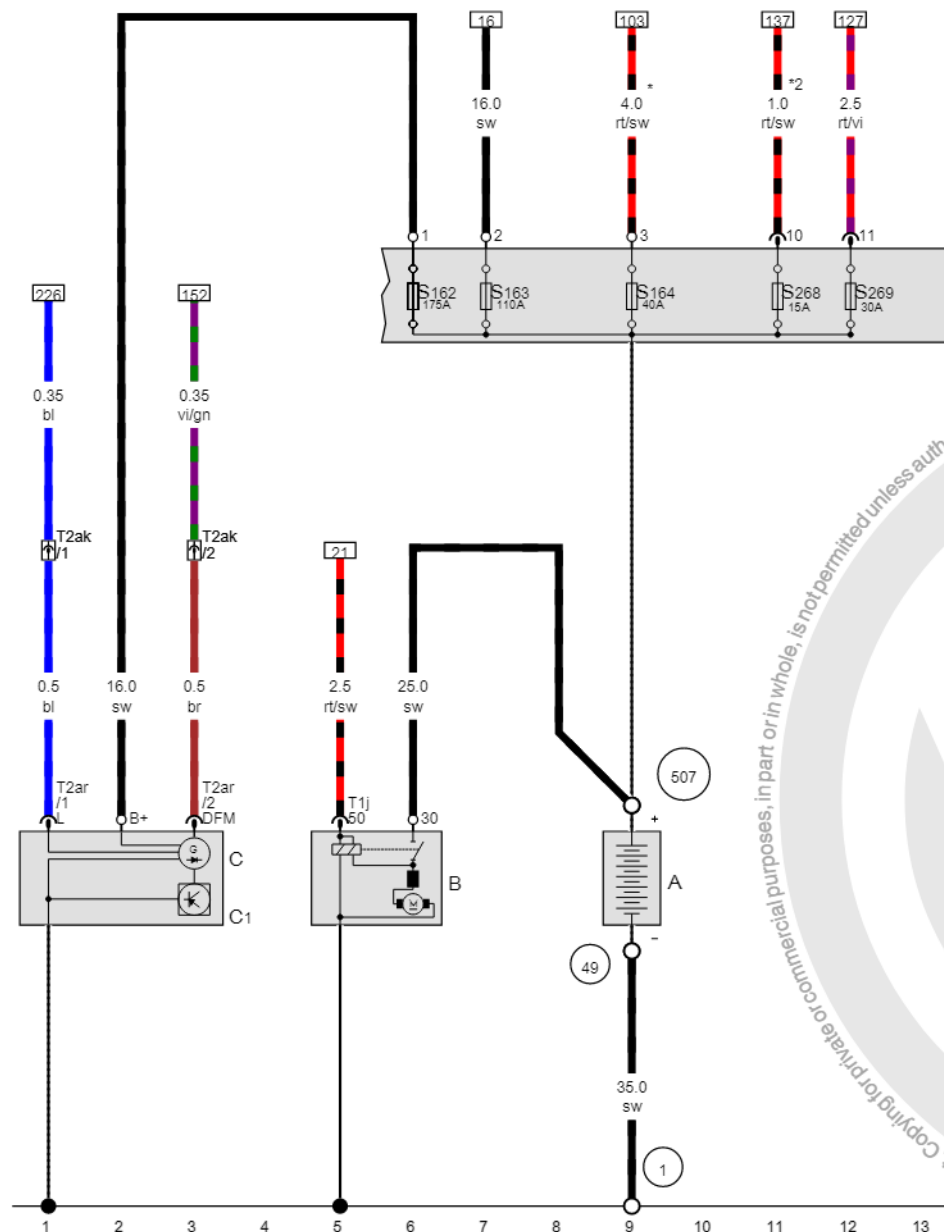
1.6l petrol engine , CFZA

From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S268 Fuse 10 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox



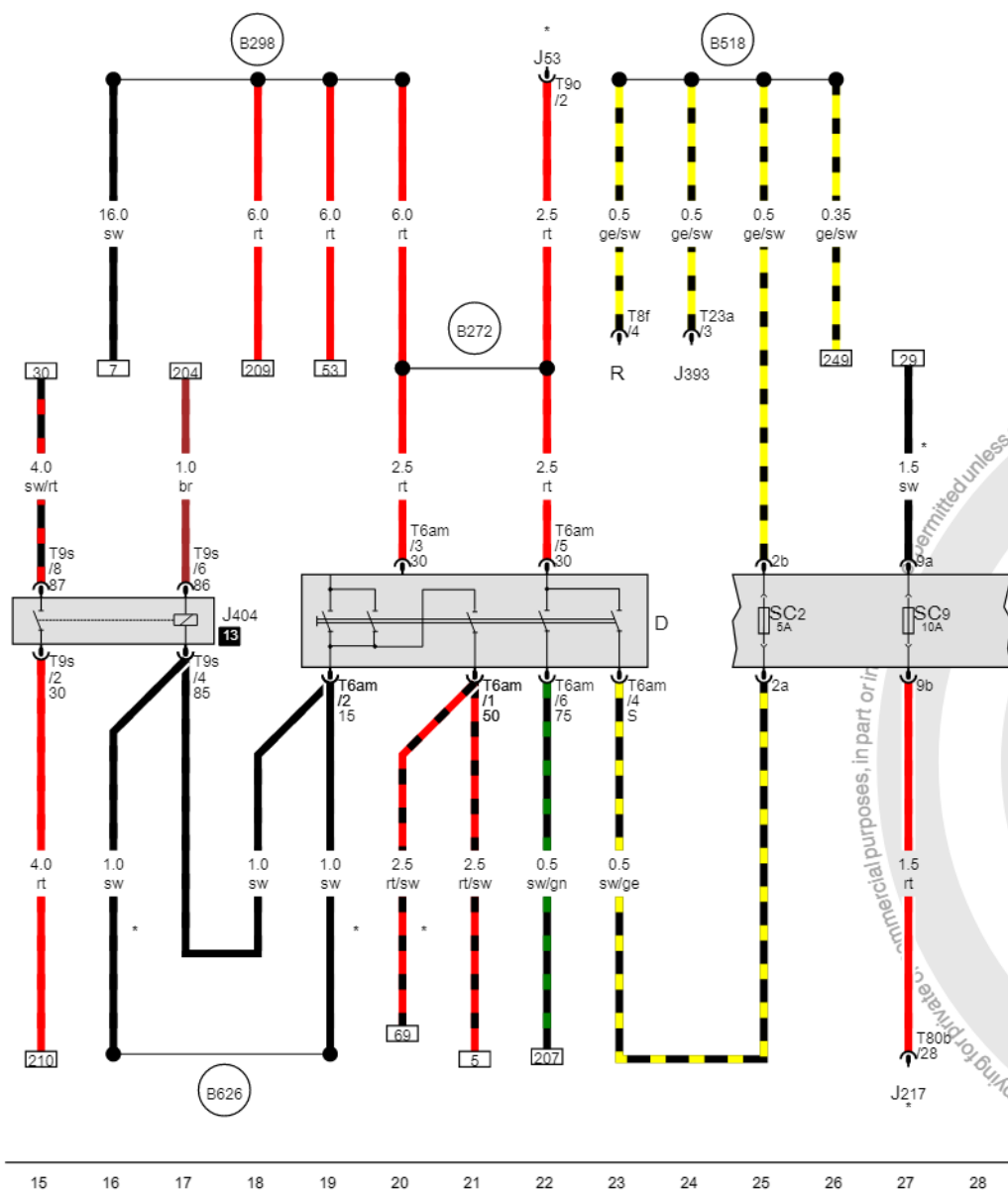
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Ignition/starter switch, Terminal 15 relief relay

- D Ignition/starter switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J393 Convenience system central control unit
- J404 Terminal 15 relief relay
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T6am 6-pin connector
- T8f 8-pin connector
- T9o 9-pin connector
- T9s 9-pin connector
- T23a 23-pin connector
- T80b 80-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- \* Only models with automated manual gearbox



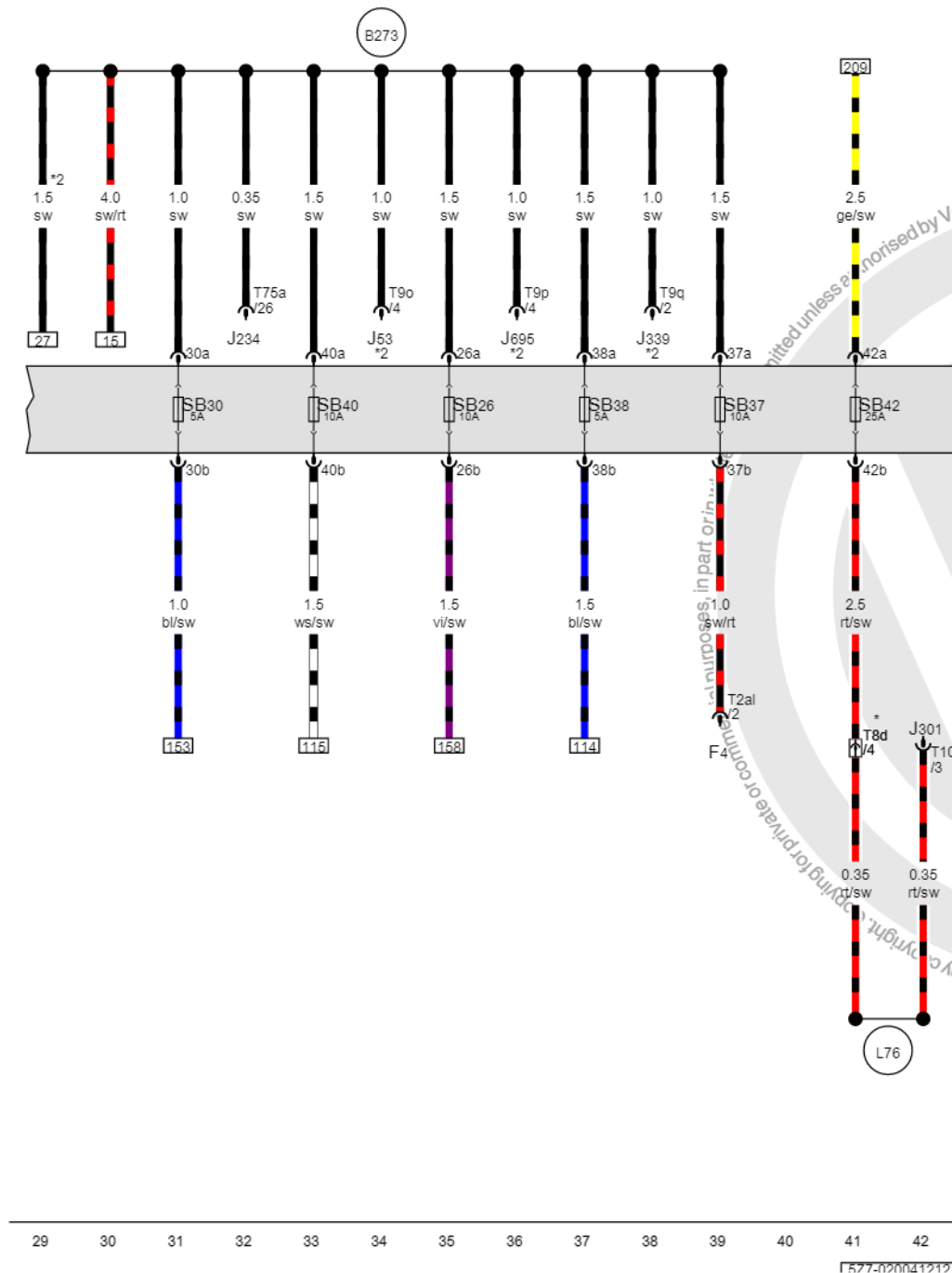
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

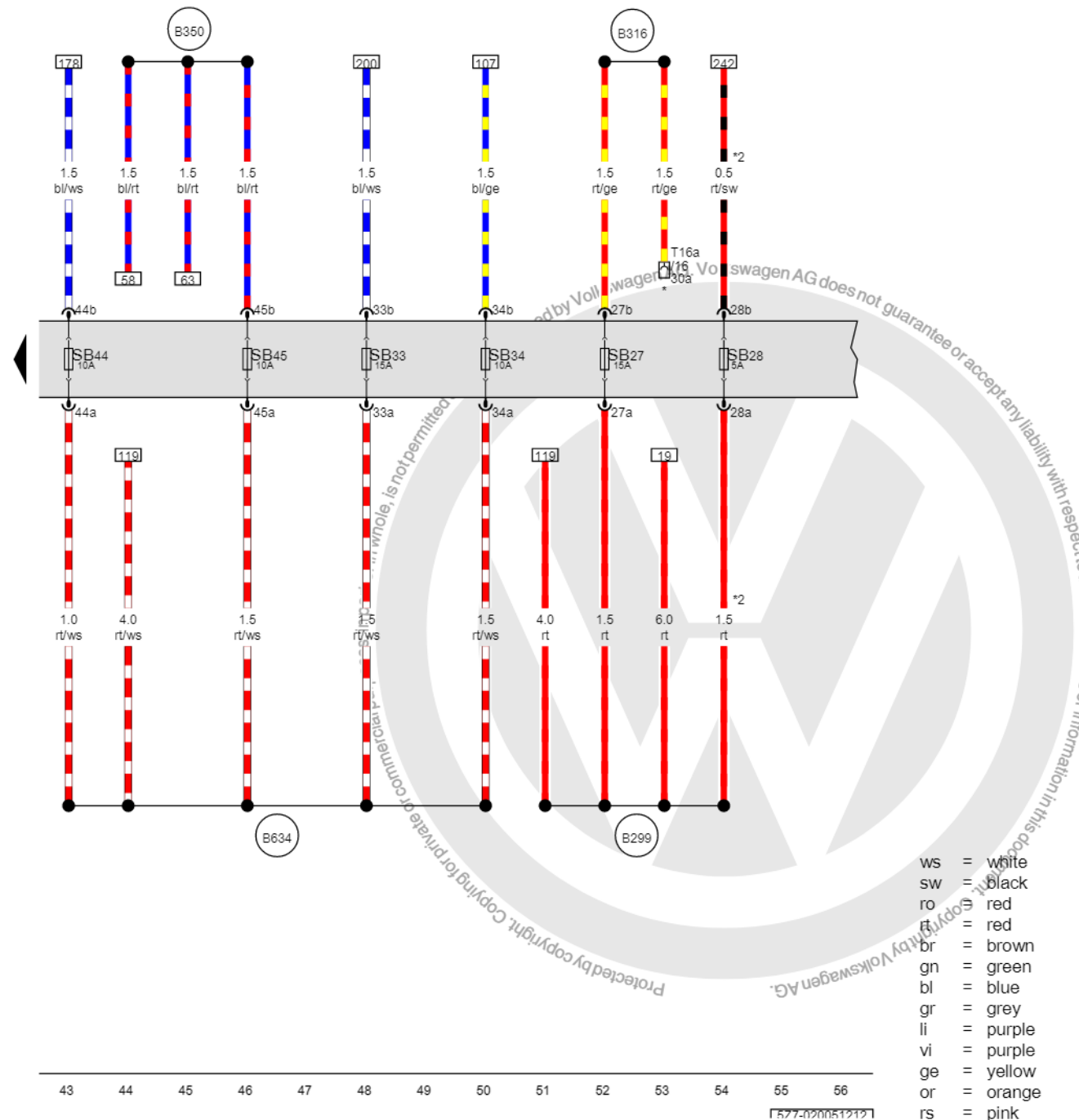
Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T75a 75-pin connector

- B273 Positive connection (15), in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness
- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B  
 SB28 Fuse 28 on fuse holder B  
 SB33 Fuse 33 on fuse holder B  
 SB34 Fuse 34 on fuse holder B  
 SB44 Fuse 44 on fuse holder B  
 SB45 Fuse 45 on fuse holder B  
 T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

\* Diagnostic connection

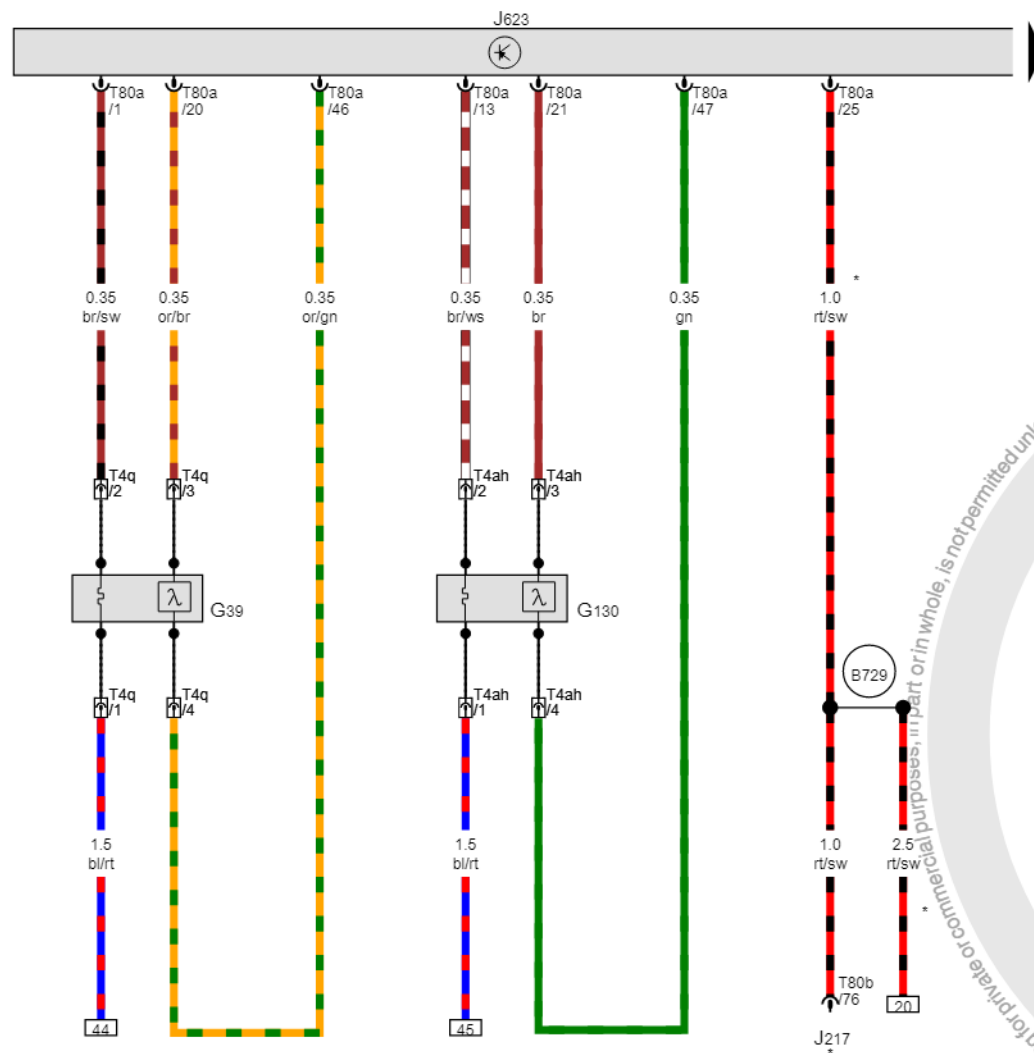
\*2 Only models with air conditioning system

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

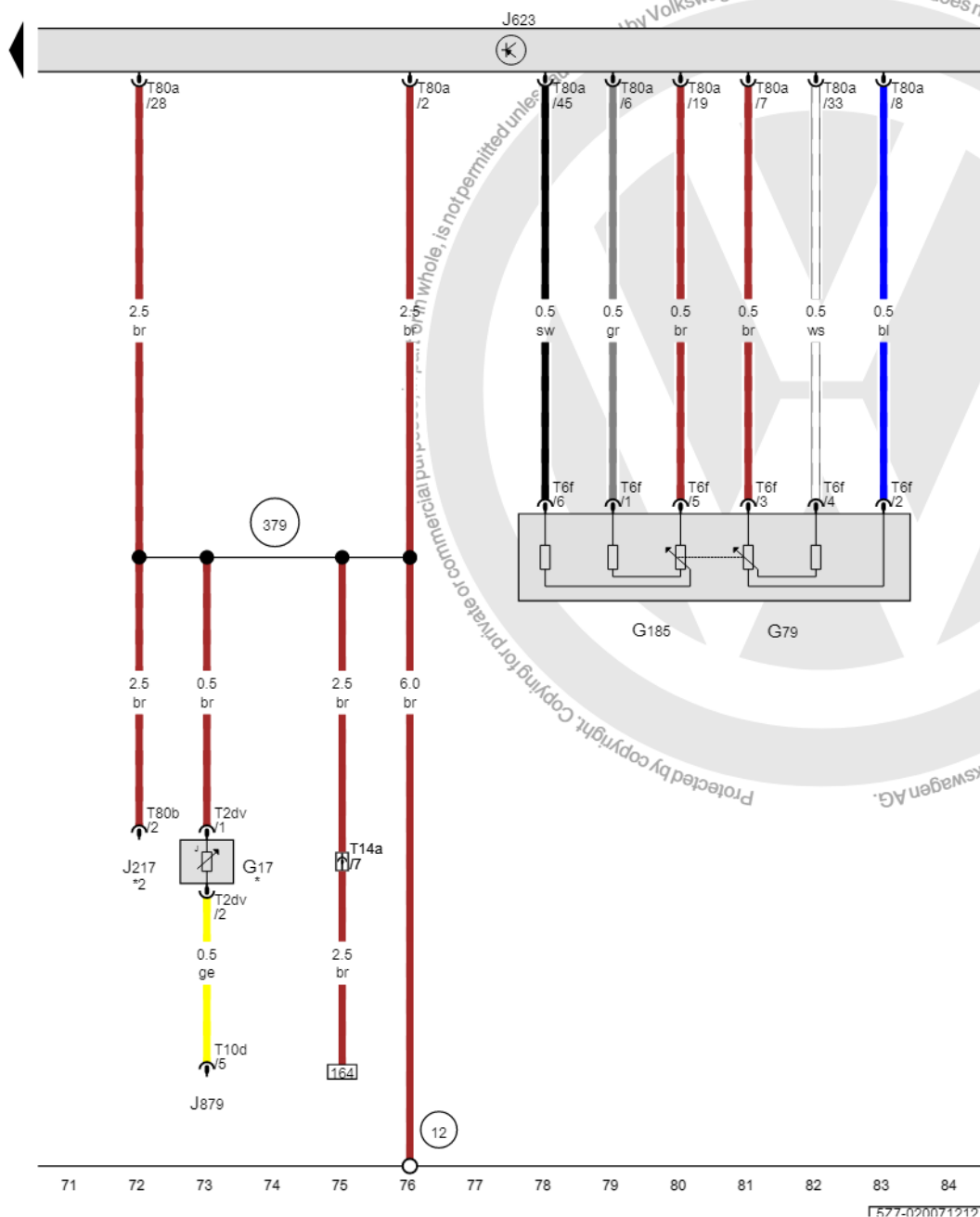
Lambda probe, Lambda probe after catalytic converter,  
Engine control unit

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T4ah 4-pin connector
- T4q 4-pin connector
- T80a 80-pin connector
- T80b 80-pin connector

- B729 Connection 1 (50), in main wiring harness
- \* Only models with automated manual gearbox



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Ambient temperature sensor, Accelerator position sender, Accelerator position sender 2, Engine control unit

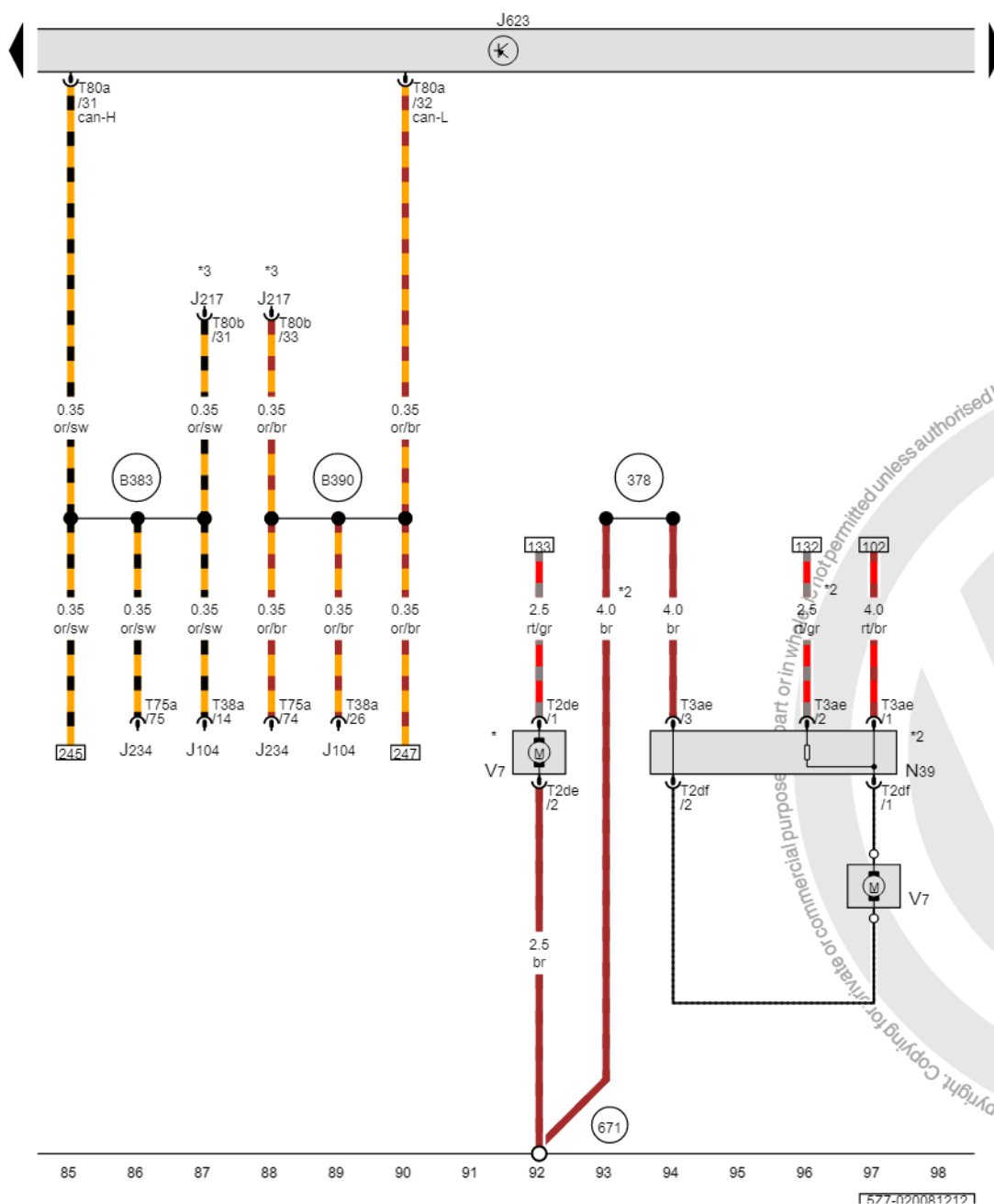
- G17 Ambient temperature sensor
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- T2dv 2-pin connector
- T6f 6-pin connector
- T10d 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector

12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

\* For models with interactive system  
\*2 Only models with automated manual gearbox

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
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- rs = pink

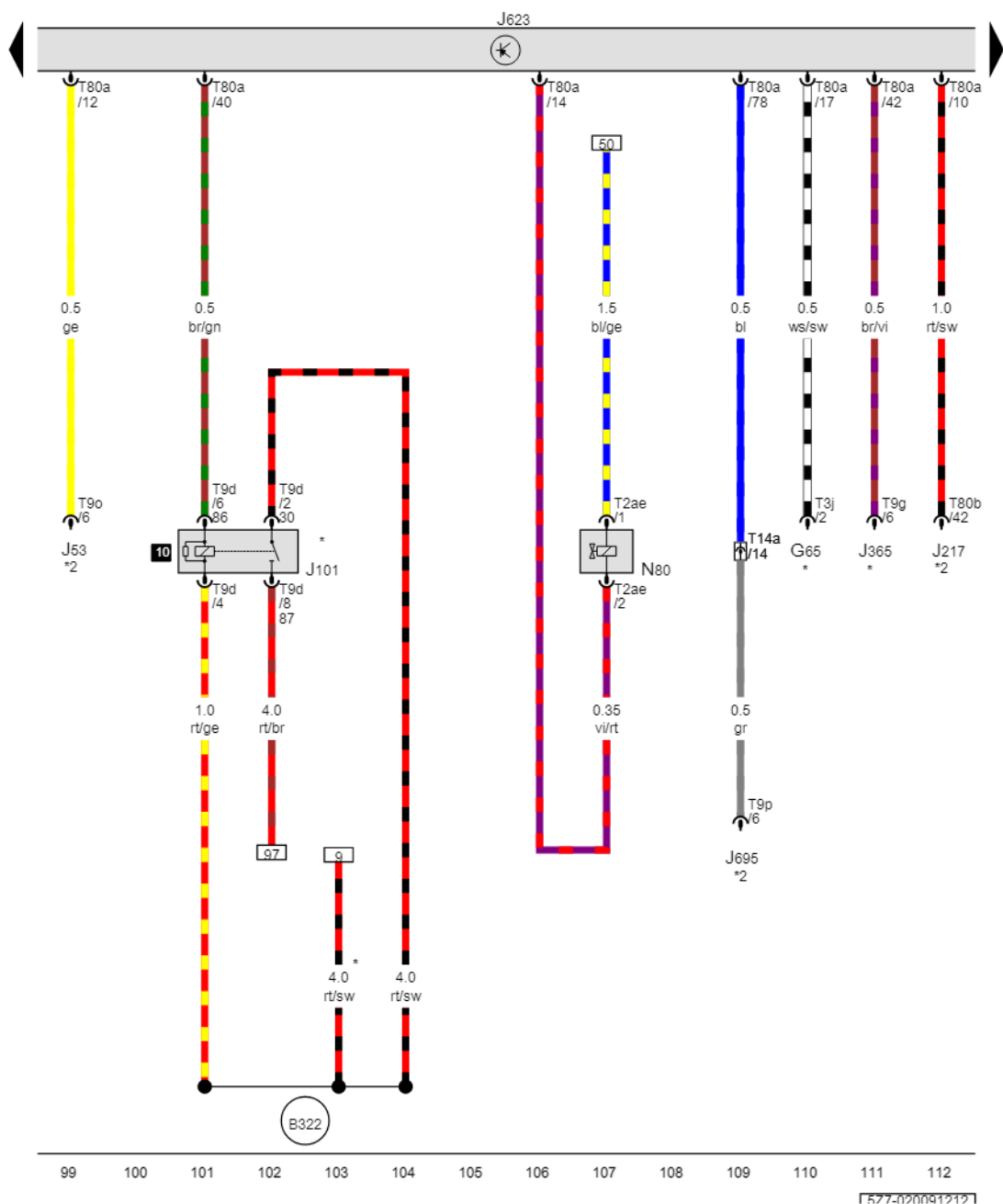


Engine control unit, Radiator fan series resistor, Radiator fan

- |      |                                |
|------|--------------------------------|
| J104 | ABS control unit               |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit            |
| J623 | Engine control unit            |
| N39  | Radiator fan series resistor   |
| T2de | 2-pin connector                |
| T2df | 2-pin connector                |
| T3ae | 3-pin connector                |
| T38a | 38-pin connector               |
| T75a | 75-pin connector               |
| T80a | 80-pin connector               |
| T80b | 80-pin connector               |
| V7   | Radiator fan                   |

- |      |   |
|------|---|
| 378  | Earth connection 13, in main wiring harness                     |
| 671  | Earth point 1, on front of left longitudinal member             |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness  |
| *    | Only models with no air conditioning system                     |
| *2   | Only models with air conditioning system                        |
| *3   | Only models with automated manual gearbox                       |

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# Radiator fan 2nd speed relay, Engine control unit, Activated charcoal filter solenoid valve 1

- G65 High-pressure sender
- J53 Starter motor relay
- J101 Radiator fan 2nd speed relay
- J217 Automatic gearbox control unit
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- J695 Starter motor relay 2
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector
- T3j 3-pin connector
- T9d 9-pin connector
- T9g 9-pin connector
- T9o 9-pin connector
- T9p 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- T80b 80-pin connector

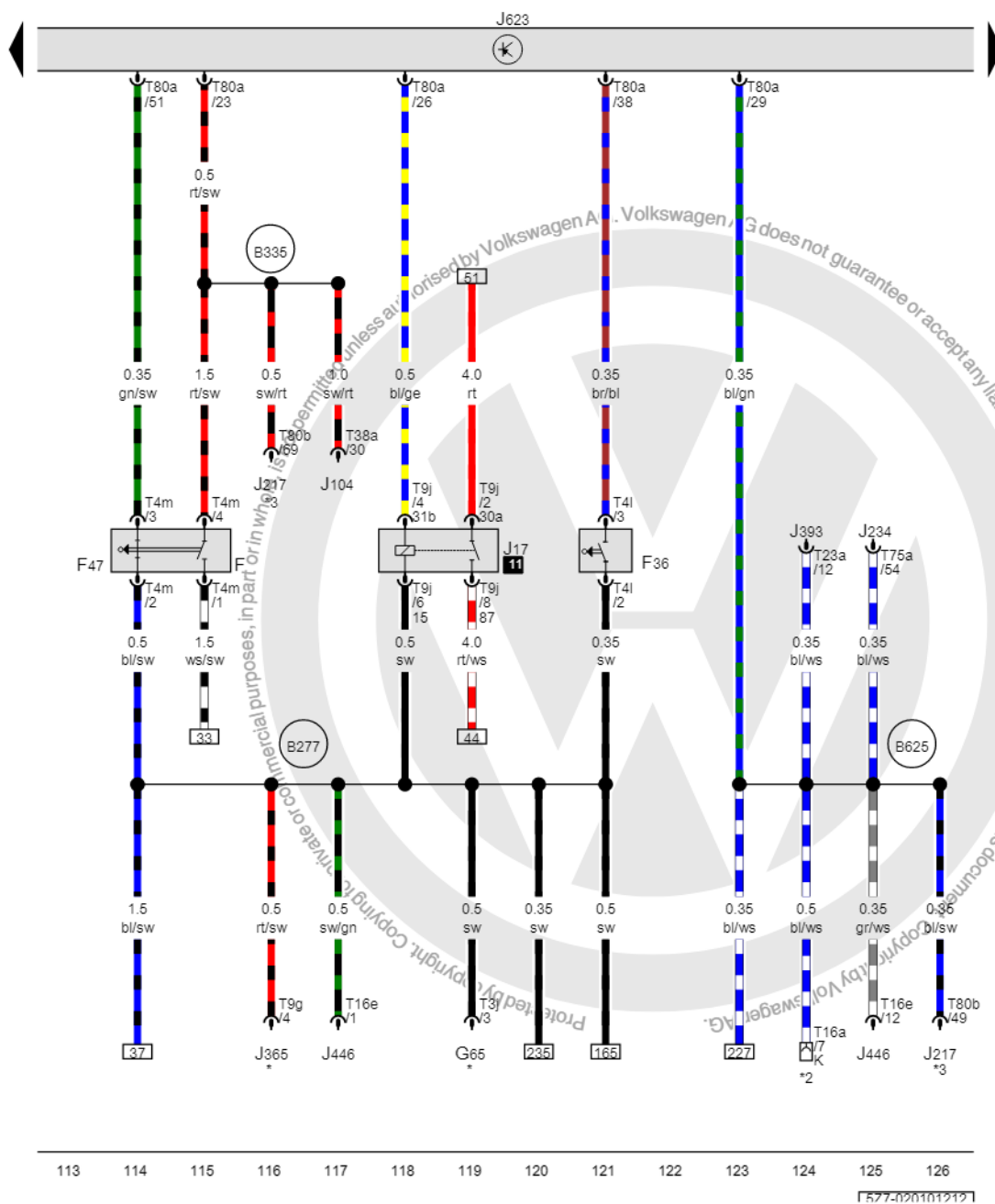
B322 Positive connection 8 (30a) in main wiring harness

- \* Only models with air conditioning system
- \*2 Only models with automated manual gearbox

- ws = white
- sw = black
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Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit



- F Brake light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G65 High-pressure sender
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J365 Air conditioning system switch-off relay
- J446 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- T3j 3-pin connector
- T4l 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- T80b 80-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Only models with air conditioning system
- \*2 Diagnostic connection
- \*3 Only models with automated manual gearbox



Fresh air blower and radiator fan relay, Engine control unit

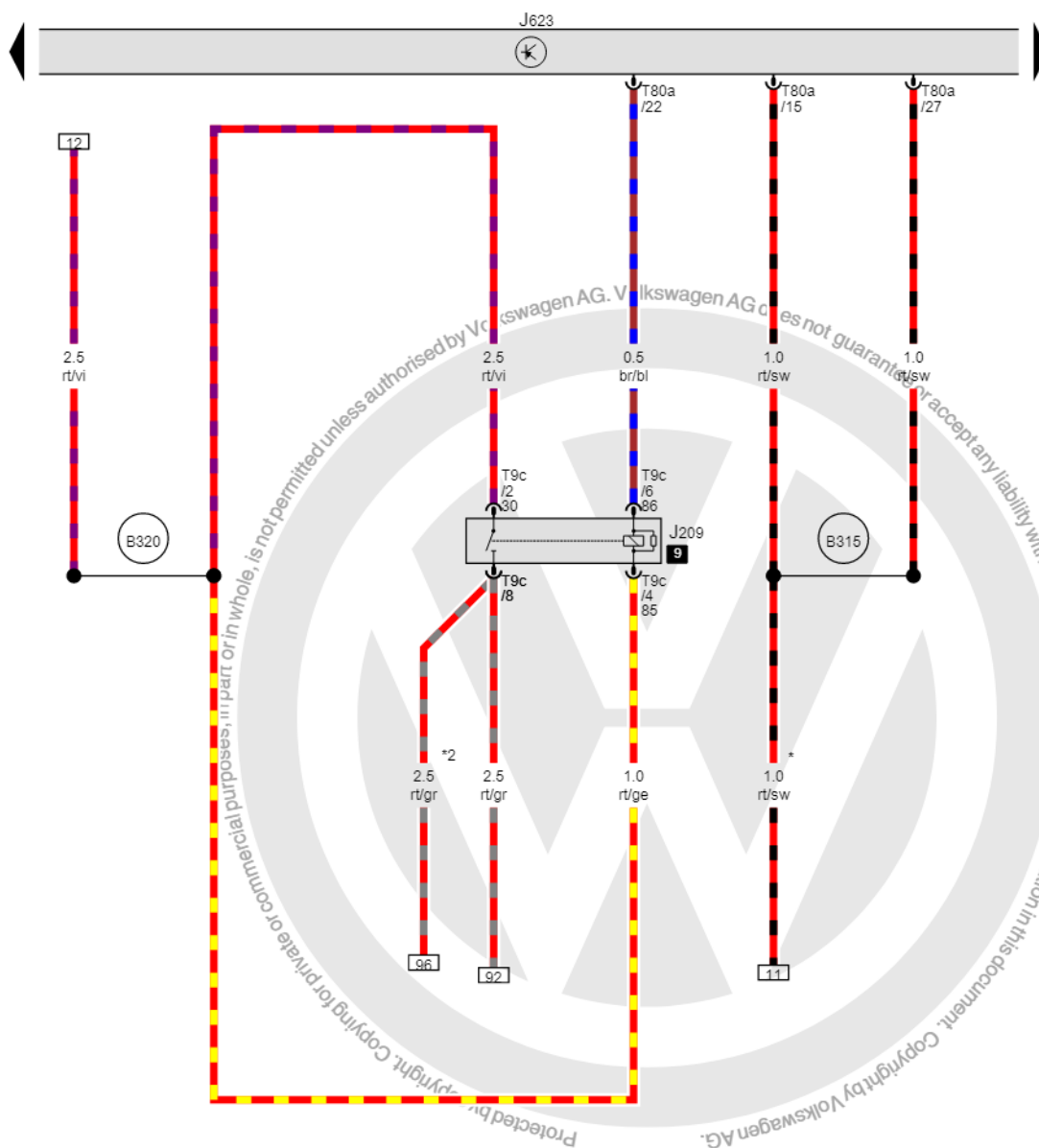
J209 Fresh air blower and radiator fan relay  
J623 Engine control unit  
T9c 9-pin connector  
T80a 80-pin connector

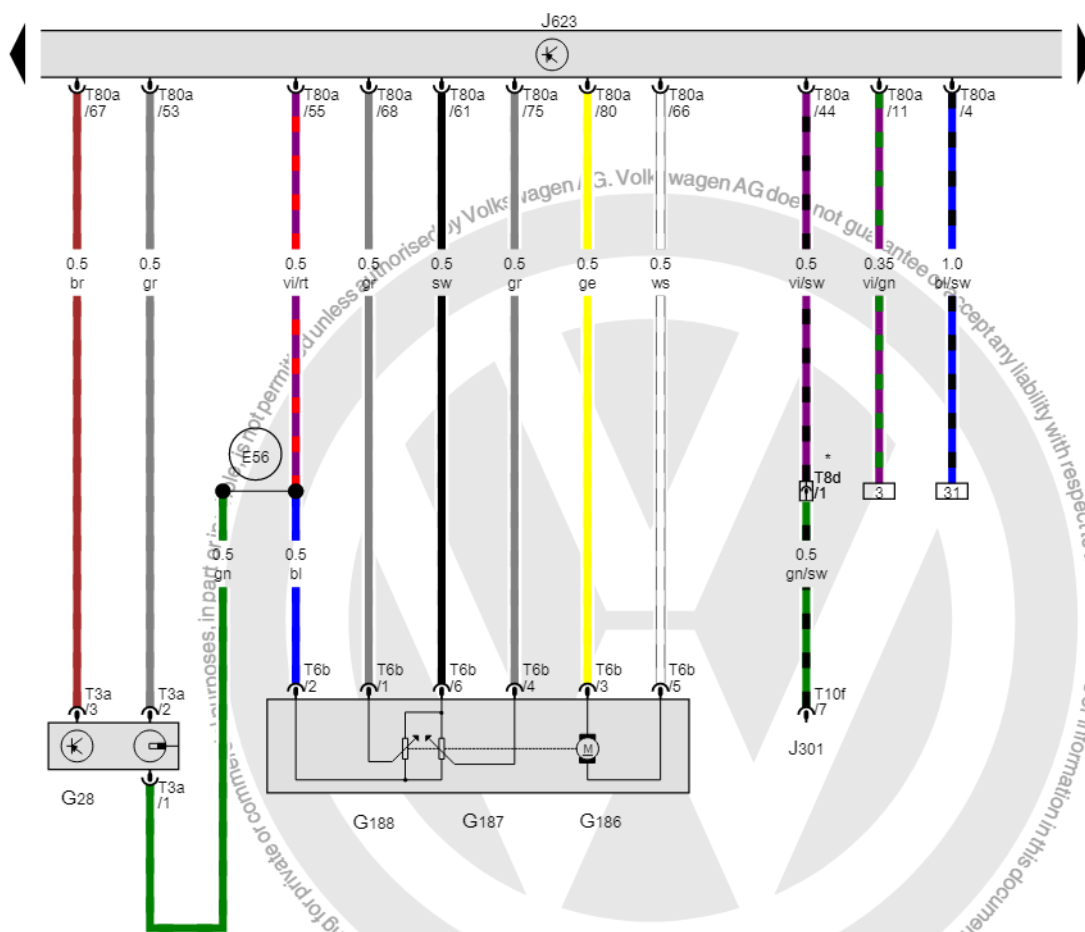
B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

\* Only models with automated manual gearbox

\*2 Only models with air conditioning system





Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

- G28 Engine speed sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J301 Air conditioning system control unit
- J623 Engine control unit
- T3a 3-pin connector
- T6b 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T80a 80-pin connector

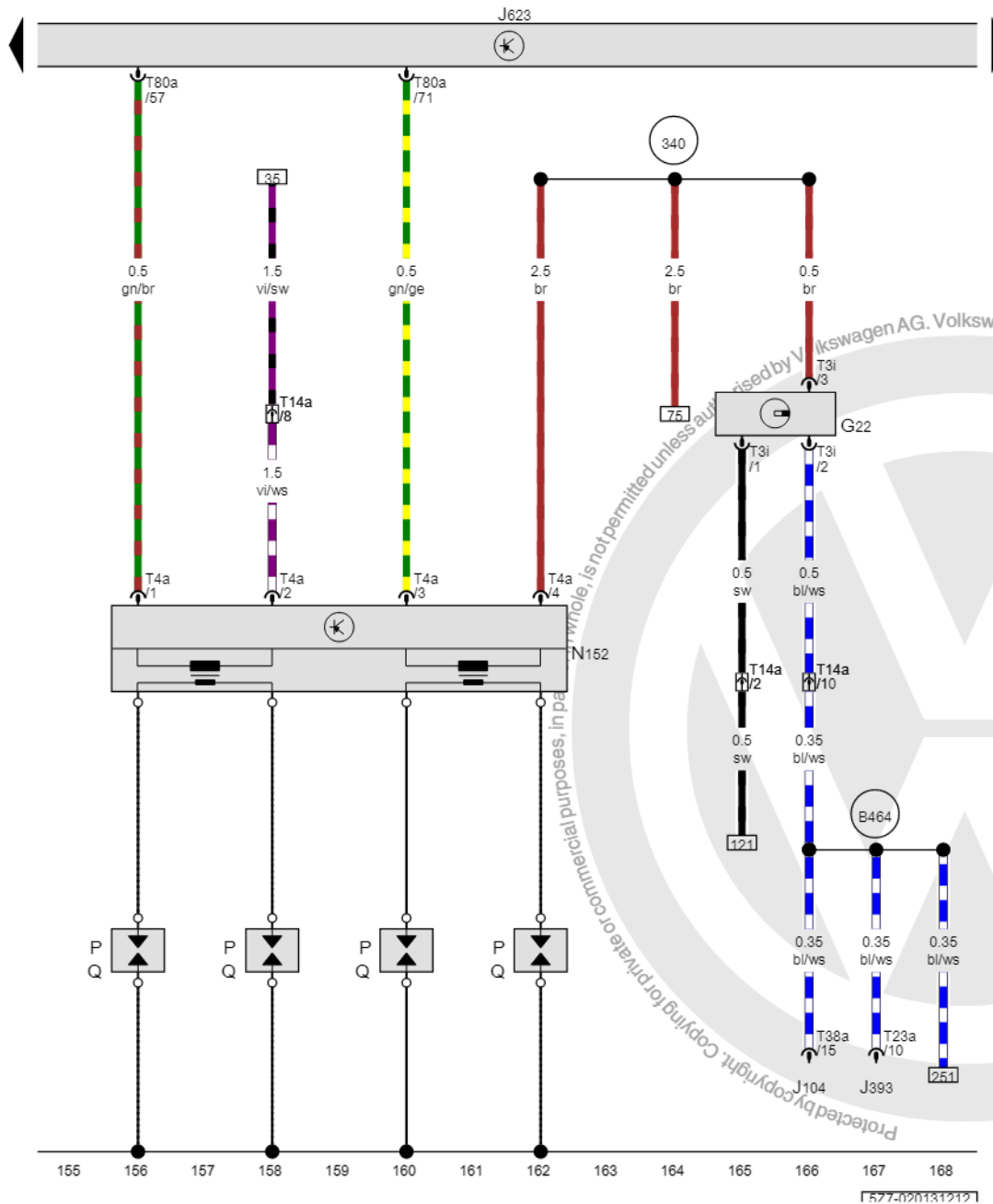
E56 Connection 1, in injection system wiring harness

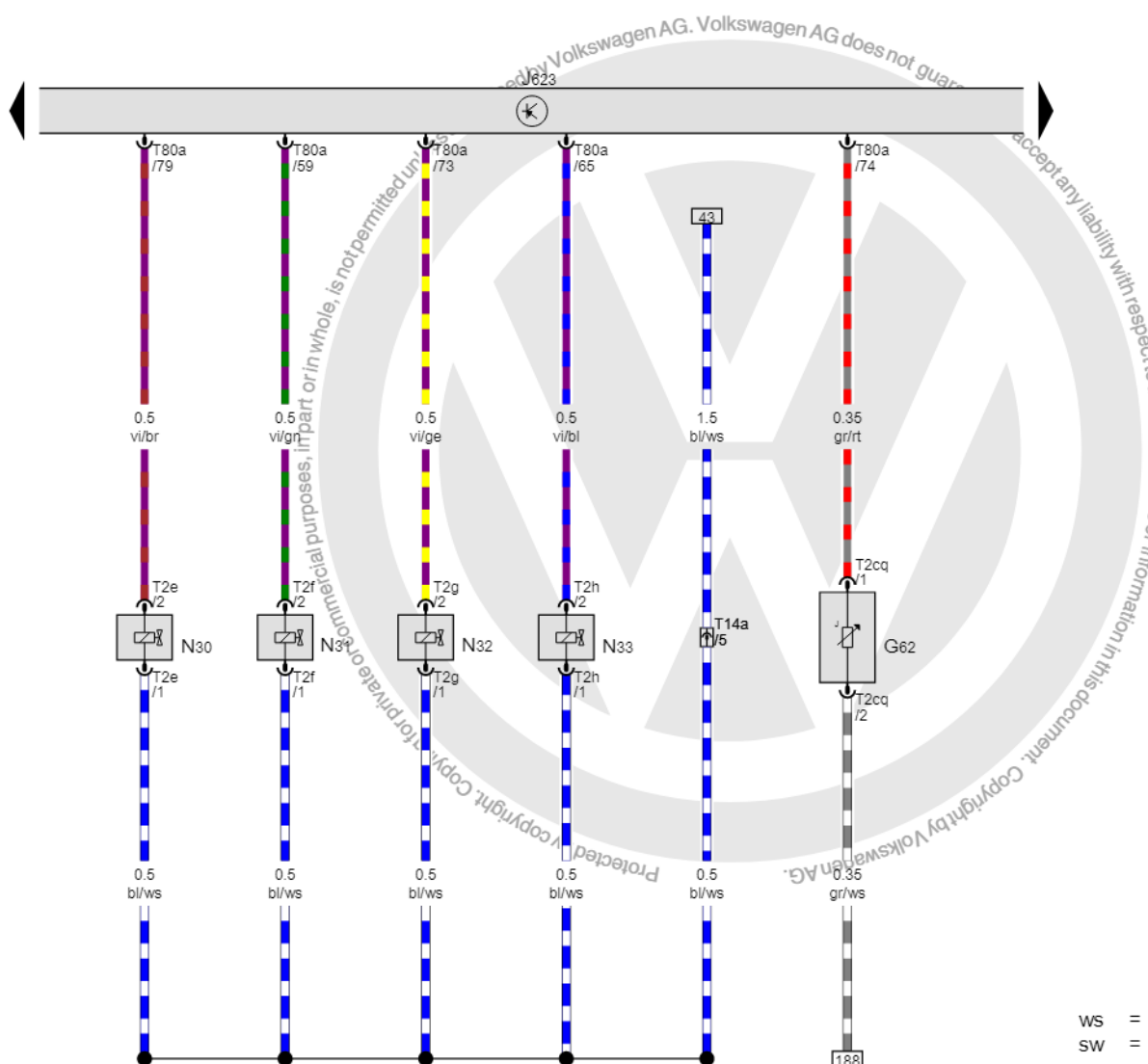
\* Only models with air conditioning system

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Speedometer sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

- G22 Speedometer sender
- J104 ABS control unit
- J393 Convenience system central control unit
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T3i 3-pin connector
- T4a 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T38a 38-pin connector
- T80a 80-pin connector
- 340 Earth connection 2, in injection system wiring harness
- B464 Connection (speed signal), in main wiring harness



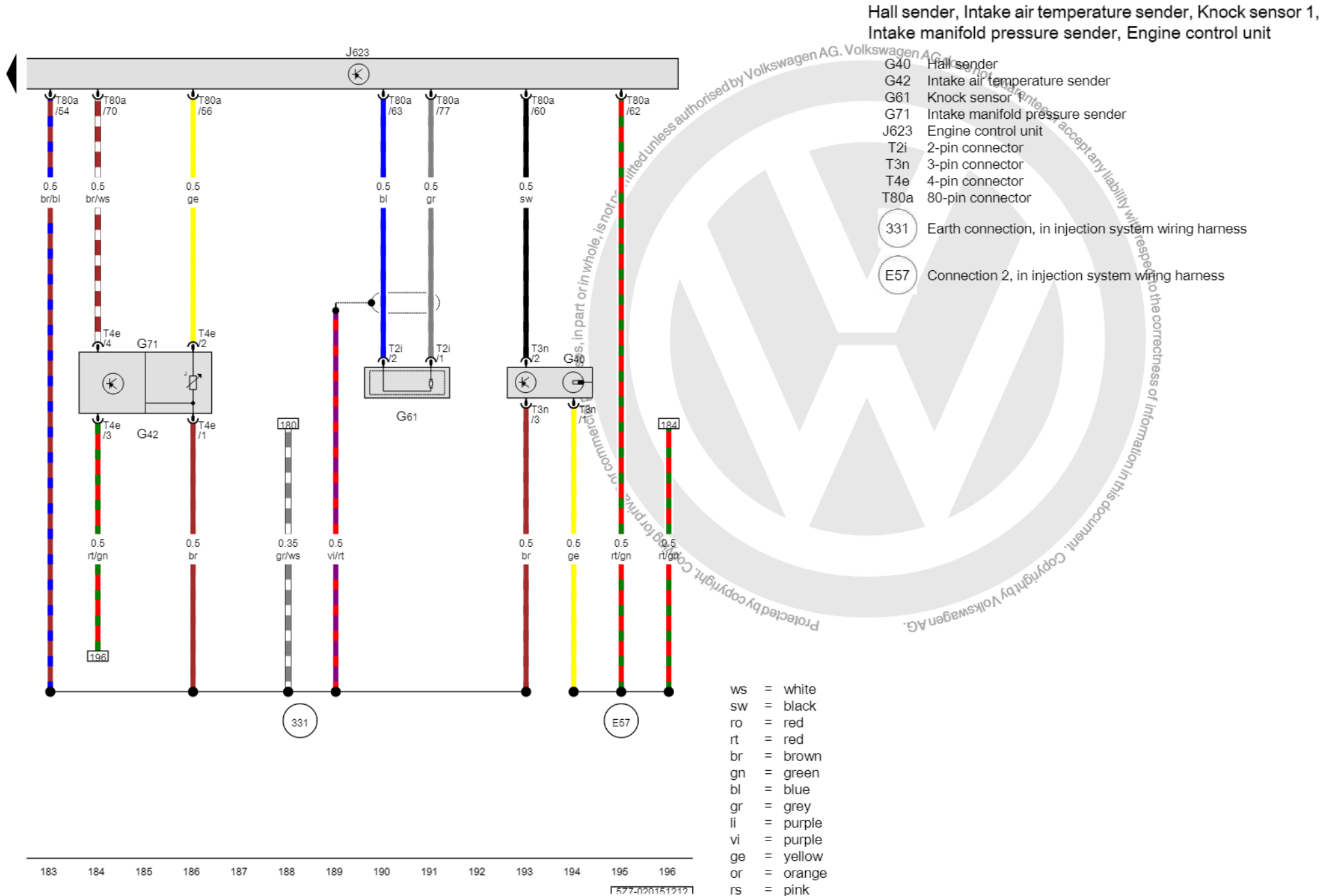


Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cq 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

B351 Positive connection 2 (87a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

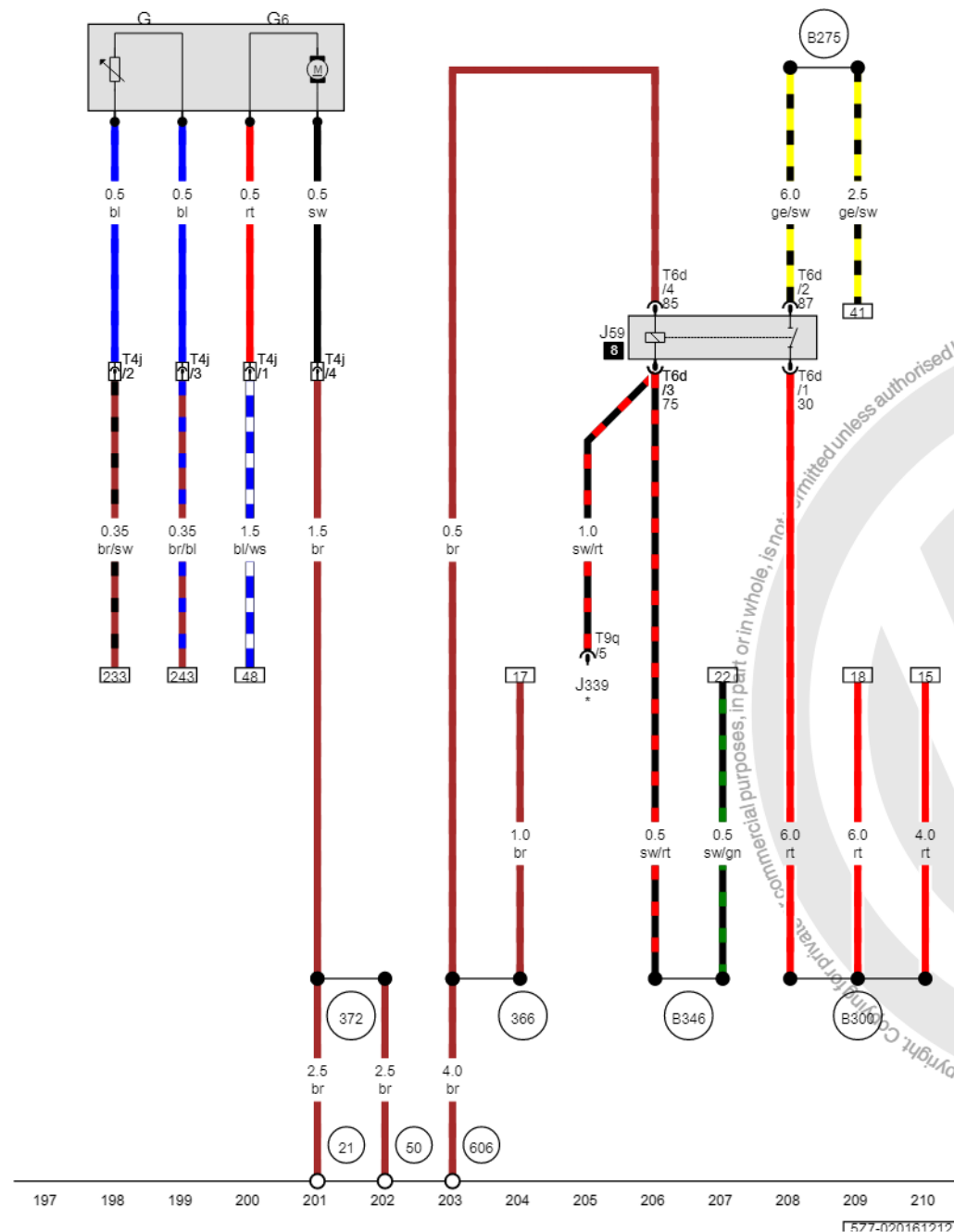


Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J59 X-contact relief relay
- J339 X contact relief relay 2
- T4j 4-pin connector
- T6d 6-pin connector
- T9q 9-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 366 Earth connection 1, in main wiring harness
- 372 Earth connection 2, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- \* Only models with automated manual gearbox

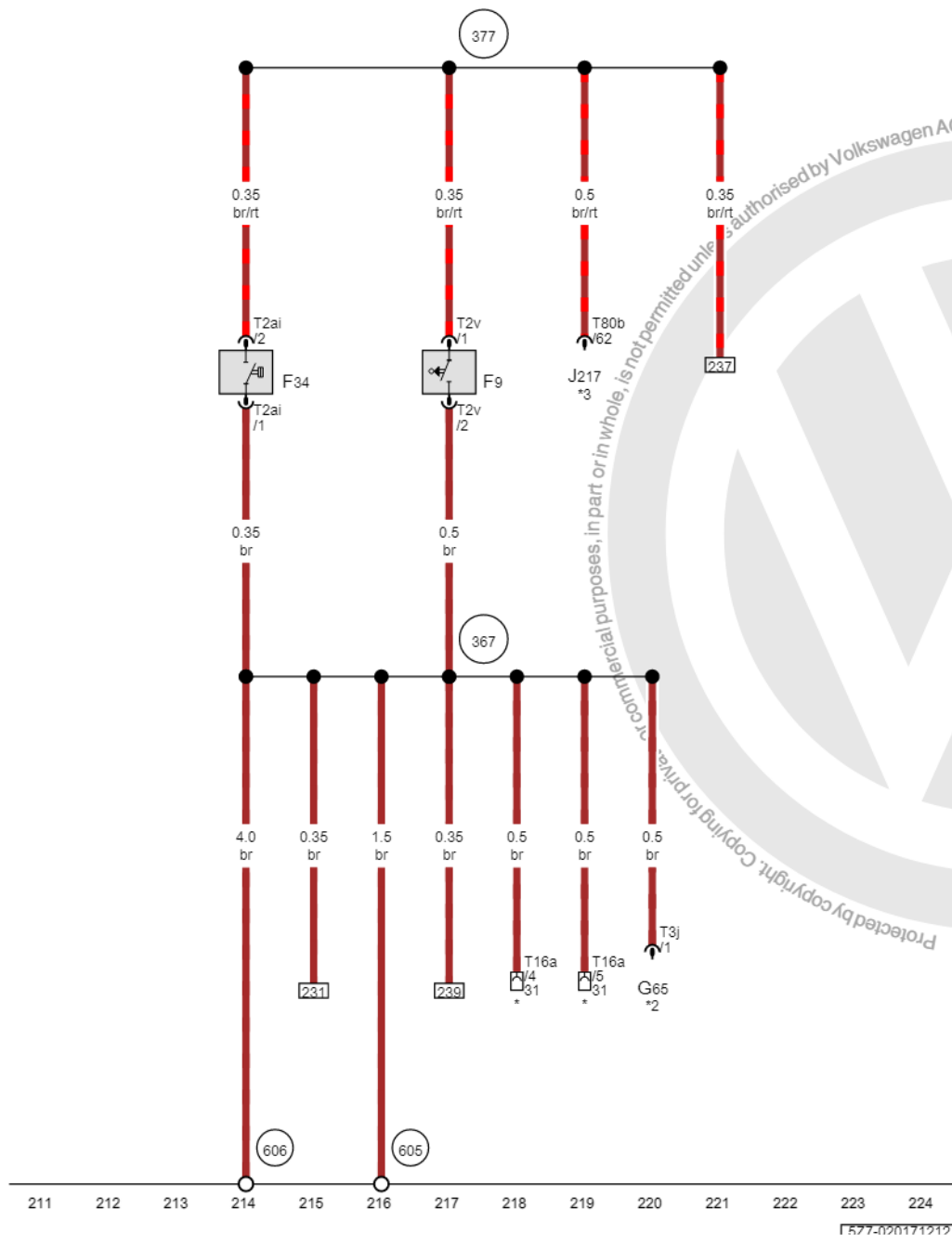
- ws = white
- sw = black
- ro = red
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Handbrake warning switch, Brake fluid level warning contact

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G65 High-pressure sender
- J217 Automatic gearbox control unit
- T2ai 2-pin connector
- T2v 2-pin connector
- T3j 3-pin connector
- T16a 16-pin connector
- T80b 80-pin connector

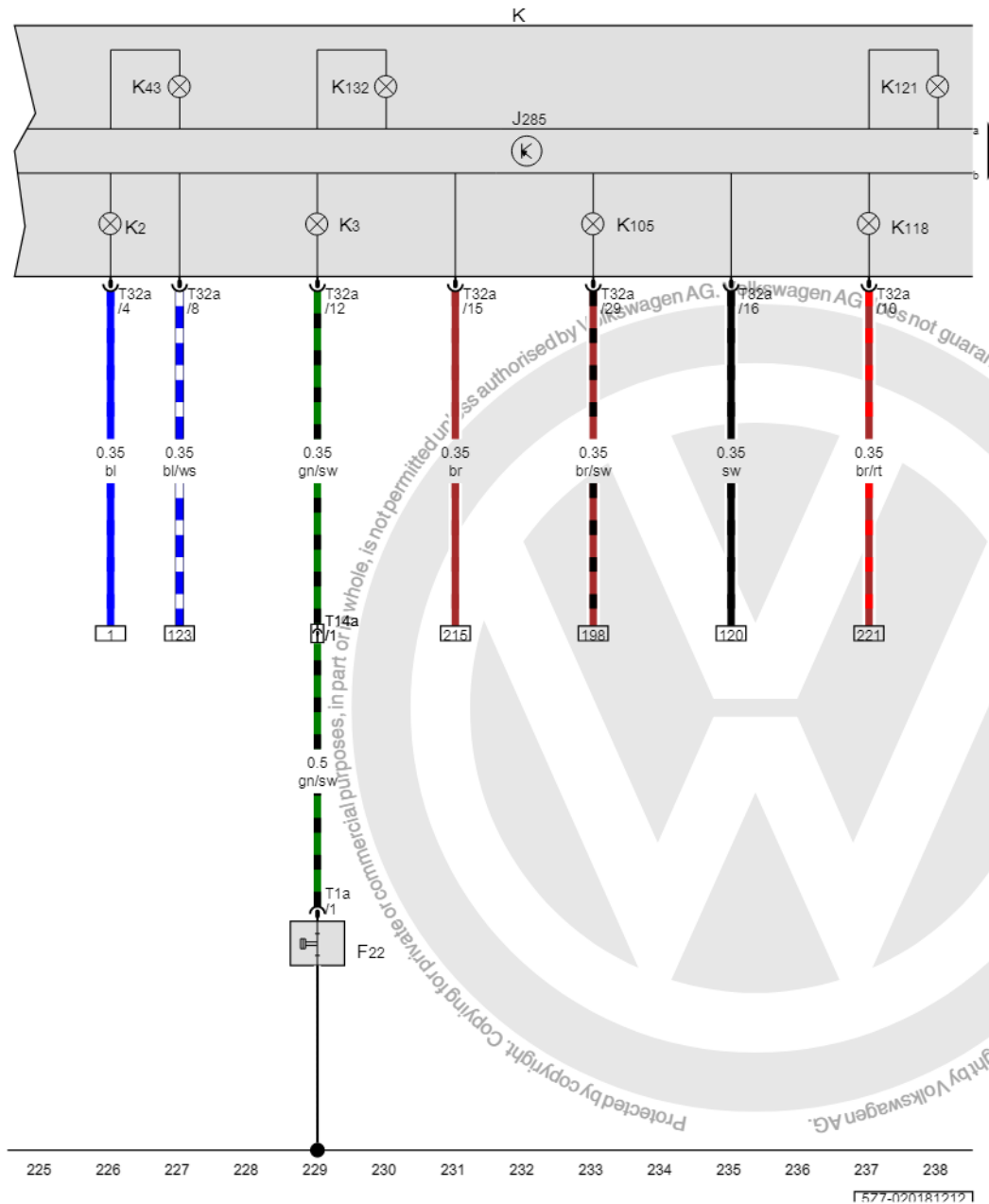
- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- \* Diagnostic connection
- \*2 Only models with air conditioning system
- \*3 Only models with automated manual gearbox



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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp

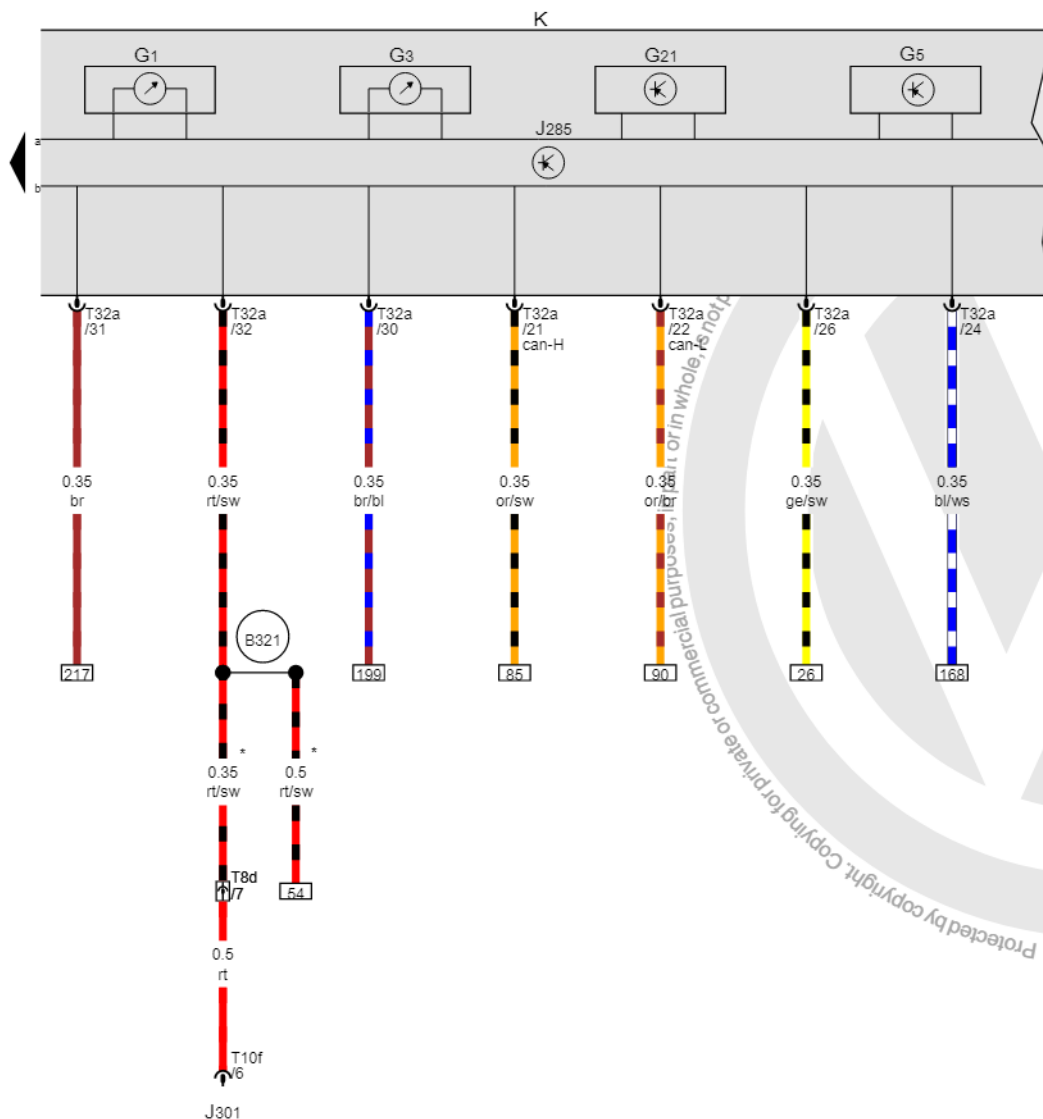
- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector



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- ge = yellow
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- rs = pink



Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert

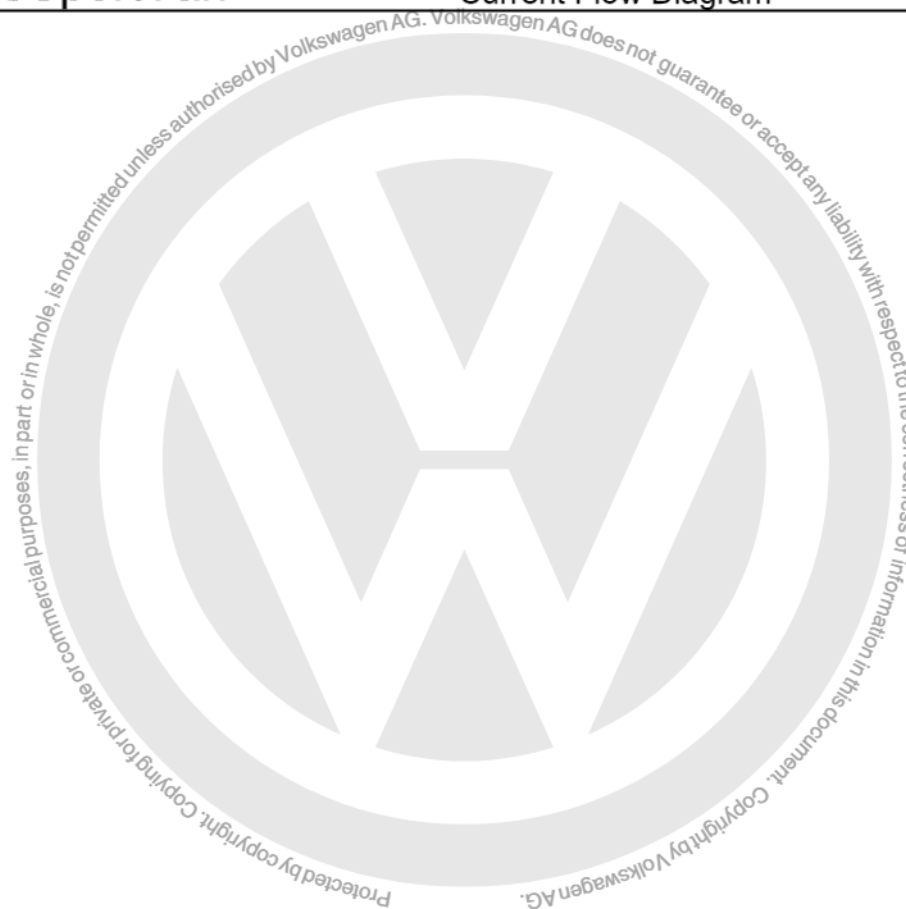


- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J301 Air conditioning system control unit
- K Dash panel insert
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T32a 32-pin connector
- B321 Positive connection 7 (30a) in main wiring harness
- \* Only models with air conditioning system

ws = white  
 sw = black  
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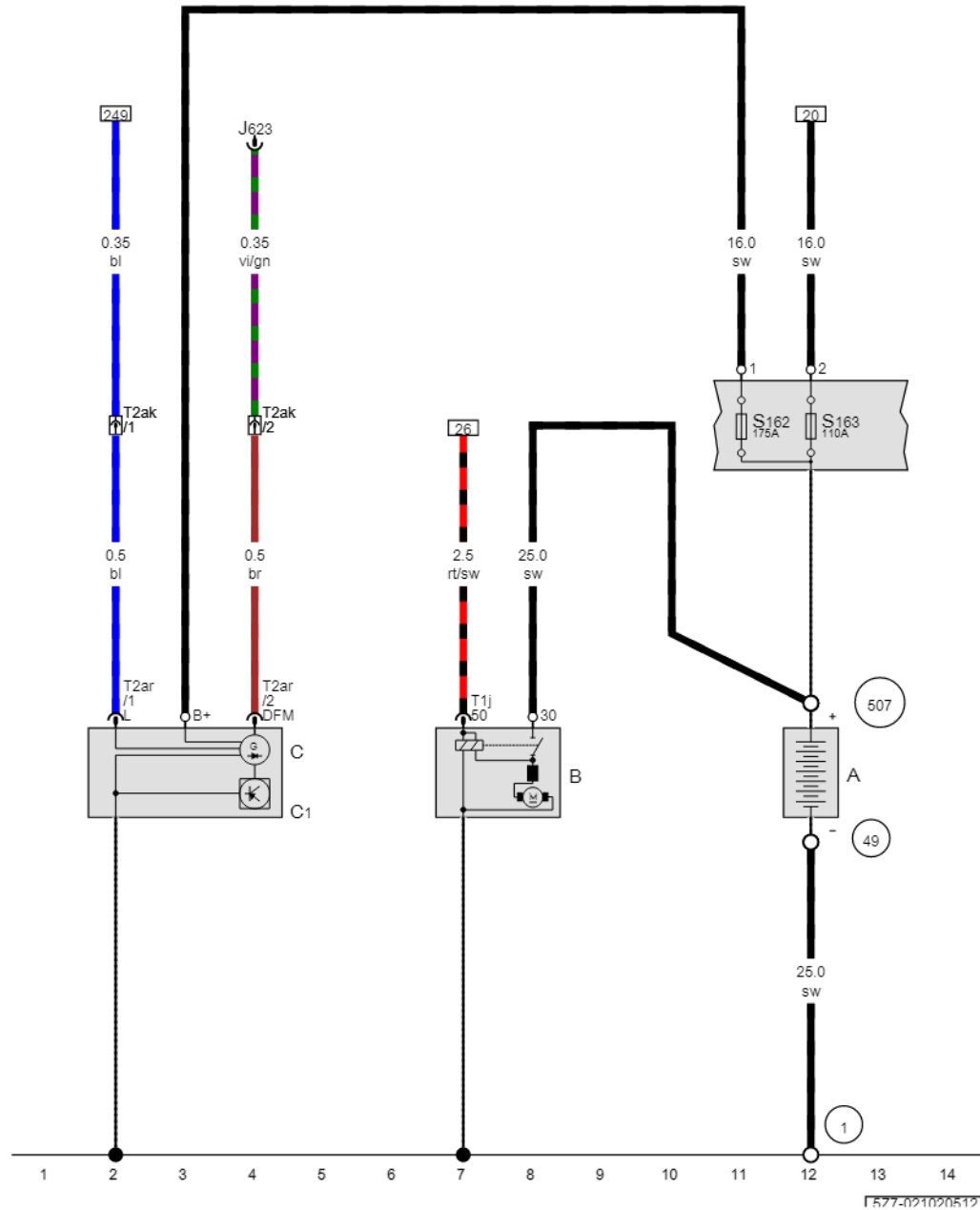
## Convenience system

From April 2012



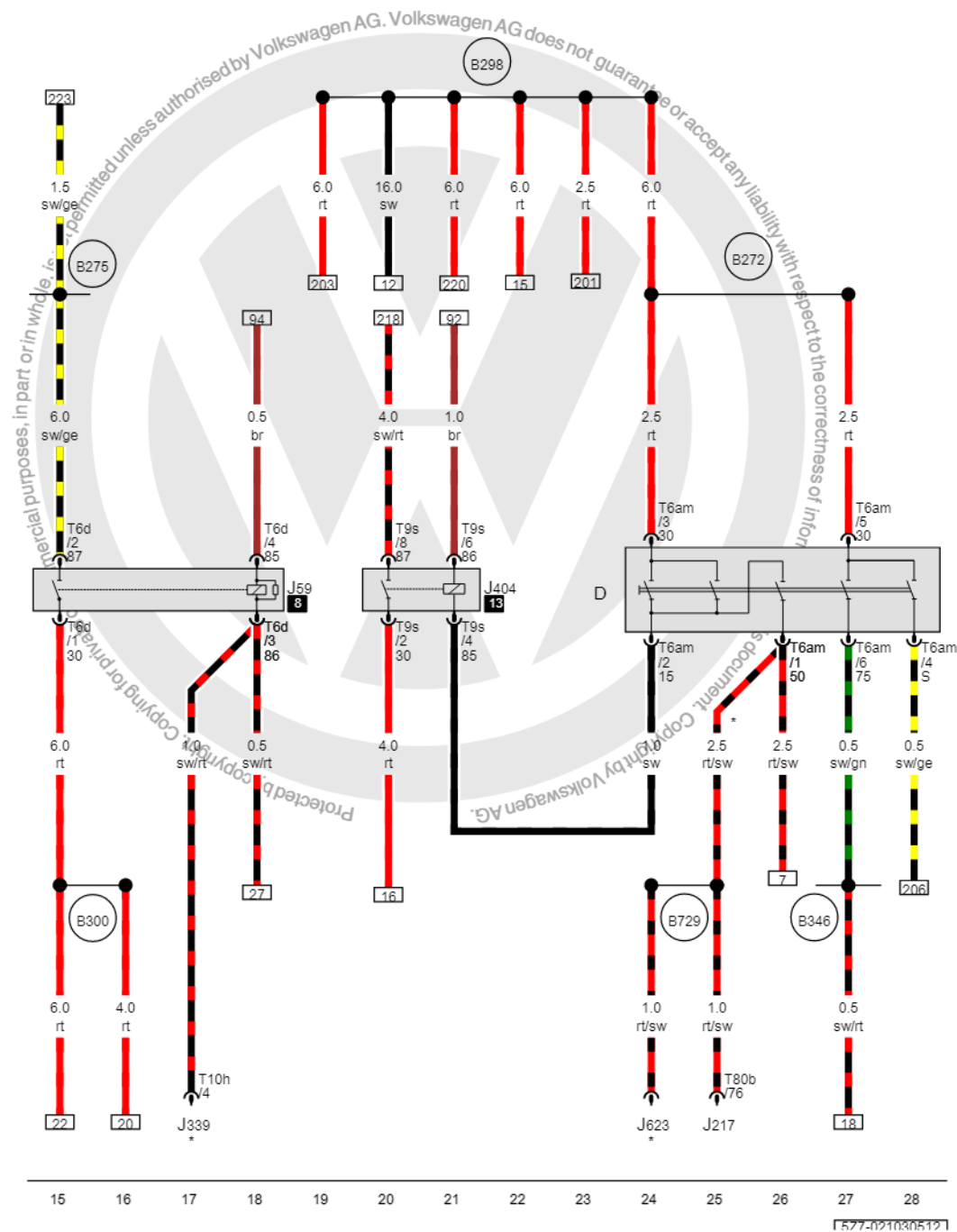
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



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Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay



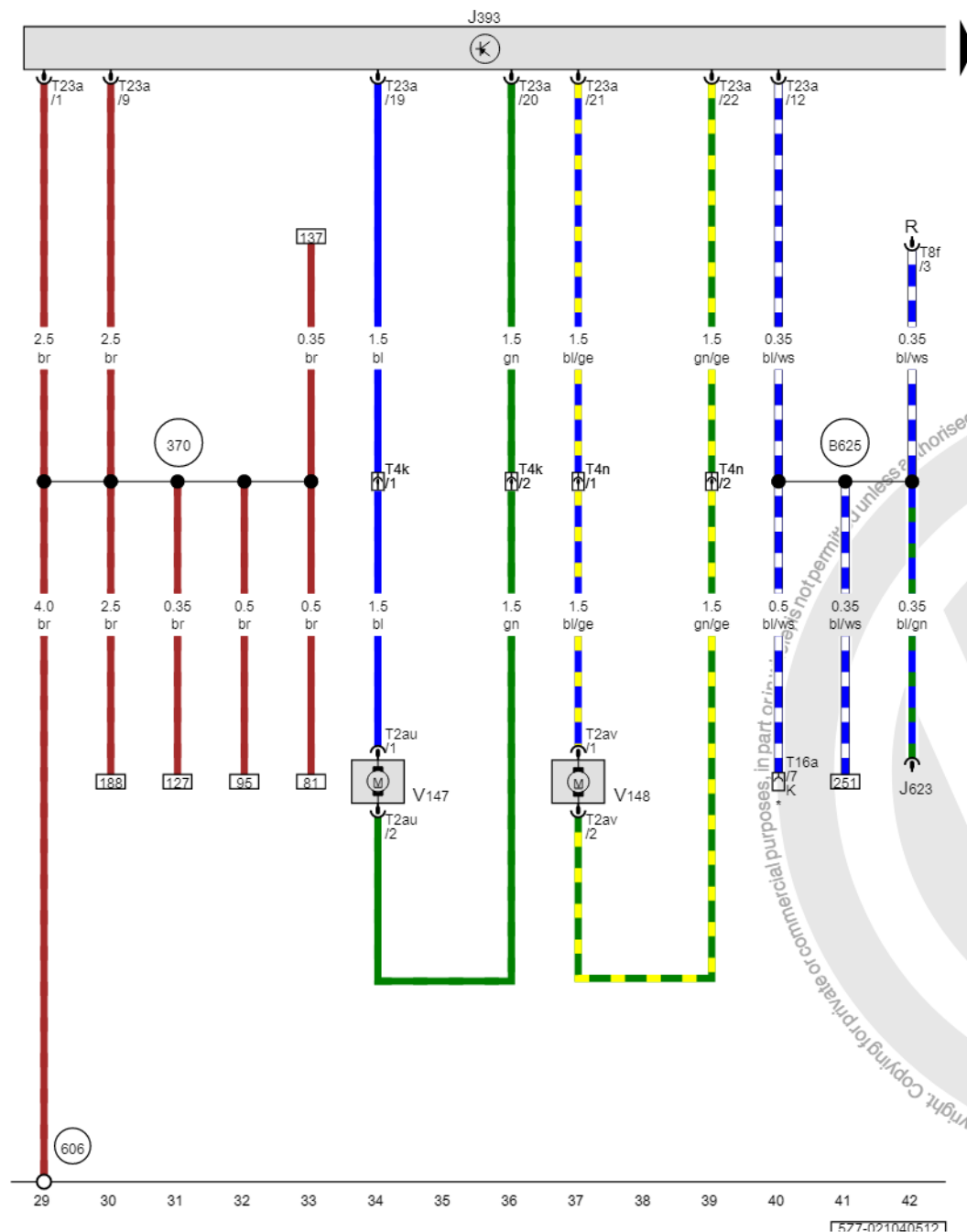
- D Ignition/starter switch
- J59 X-contact relief relay
- J217 Automatic gearbox control unit
- J339 X contact relief relay 2
- J404 Terminal 15 relief relay
- J623 Engine control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10h 10-pin connector
- T80b 80-pin connector

- (B272) Positive connection (30), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness
- (B729) Connection 1 (50), in main wiring harness

\* Only models with automated manual gearbox

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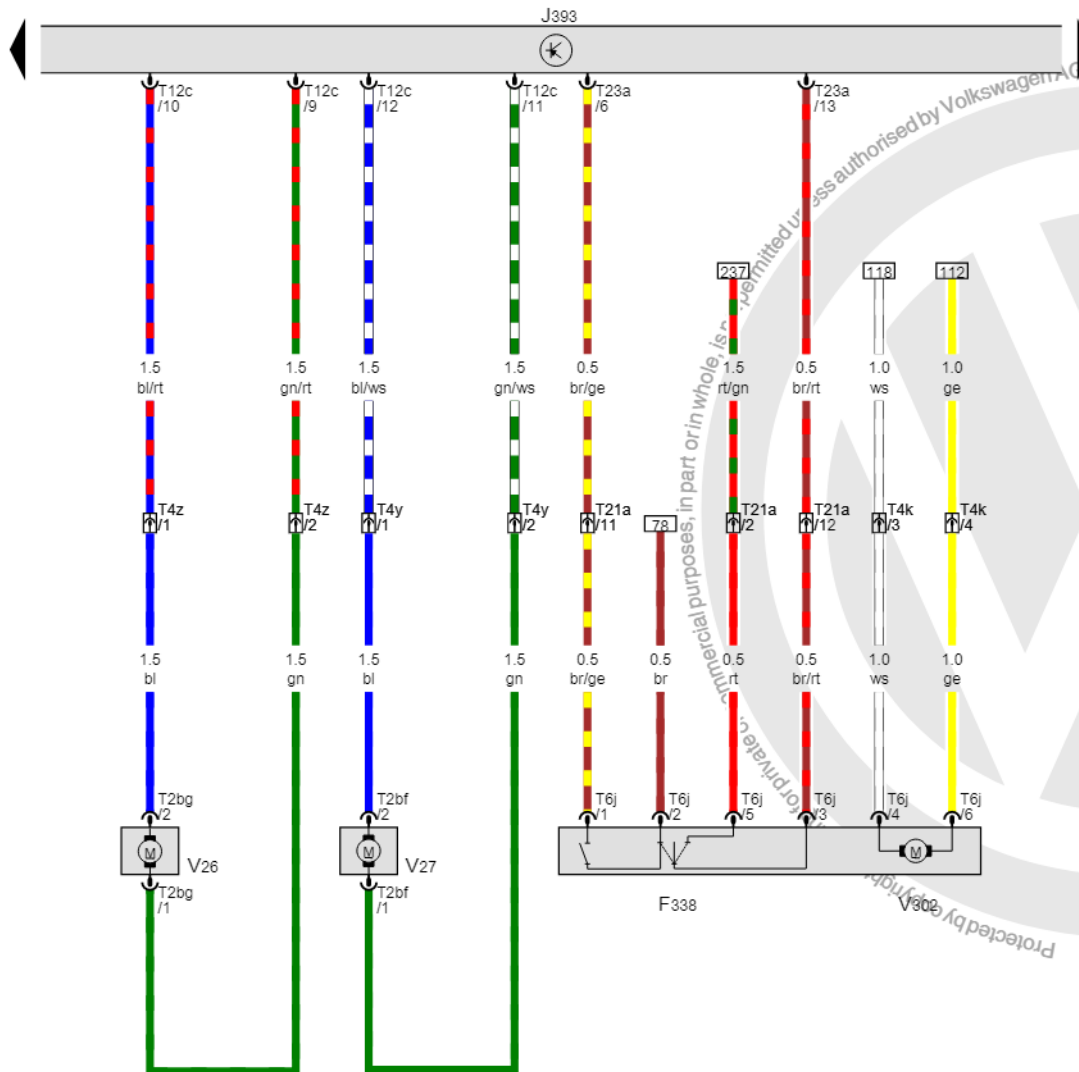
Convenience system central control unit, Driver side window regulator motor, Front passenger side window regulator motor



- J393 Convenience system central control unit
- J623 Engine control unit
- R Radio
- T2au 2-pin connector
- T2av 2-pin connector
- T4k 4-pin connector, in front left door
- T4n 4-pin connector, in front right door
- T8f 8-pin connector
- T16a 16-pin connector
- T23a 23-pin connector
- V147 Driver side window regulator motor
- V148 Front passenger side window regulator motor

- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection

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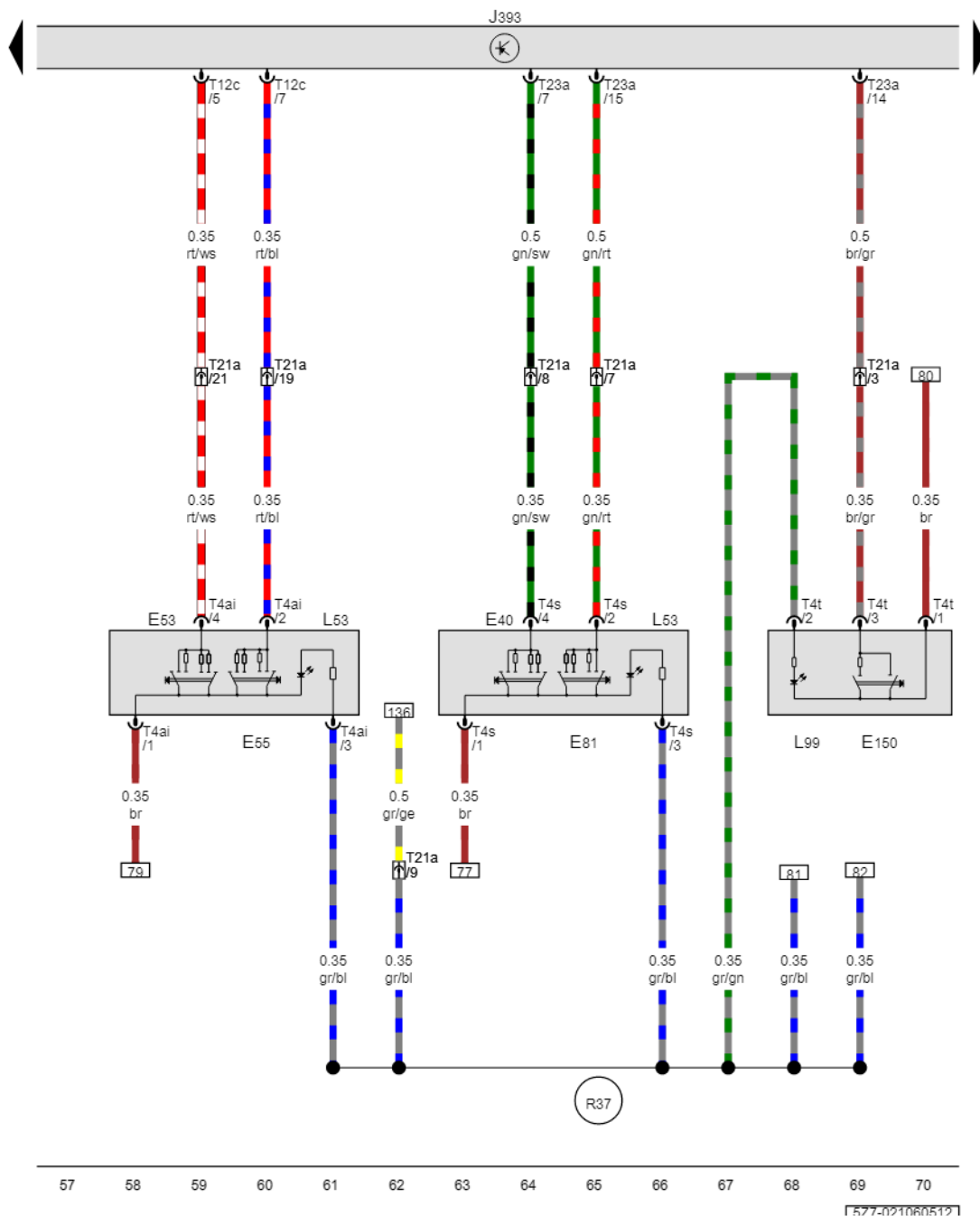
Driver door power latching system contact switch,  
Convenience system central control unit, Rear left window  
regulator motor, Rear right window regulator motor, Driver  
door power latching motor

- F338 Driver door power latching system contact switch
- J393 Convenience system central control unit
- T2bf 2-pin connector
- T2bg 2-pin connector
- T4k 4-pin connector, in front left door
- T4y 4-pin connector, in rear right door
- T4z 4-pin connector, in rear left door
- T6j 6-pin connector
- T12c 12-pin connector
- T21a 21-pin connector, in front left door
- T23a 23-pin connector
- V26 Rear left window regulator motor
- V27 Rear right window regulator motor
- V302 Driver door power latching motor

ws = white  
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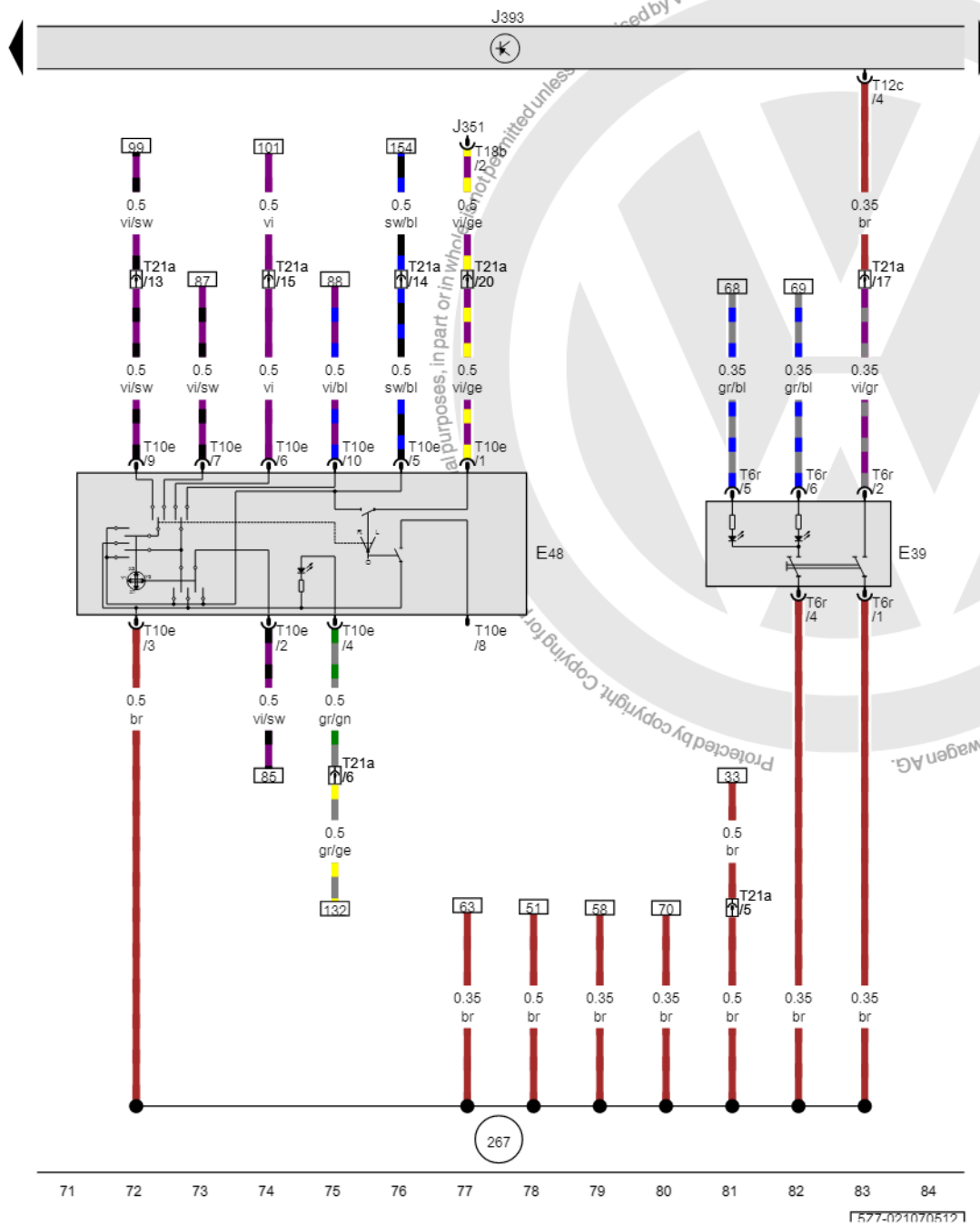
43 44 45 46 47 48 49 50 51 52 53 54 55 56

1577-0210505121



Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Driver side interior locking switch, Convenience system central control unit

- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E150 Driver side interior locking switch
- J393 Convenience system central control unit
- L53 Window regulator switch illumination bulb
- L99 Interior lock switch illumination bulb
- T4ai 4-pin connector
- T4s 4-pin connector
- T4t 4-pin connector
- T12c 12-pin connector
- T21a 21-pin connector, in front left door
- T23a 23-pin connector
- R37 Connection 1 (window regulator), in driver door wiring harness

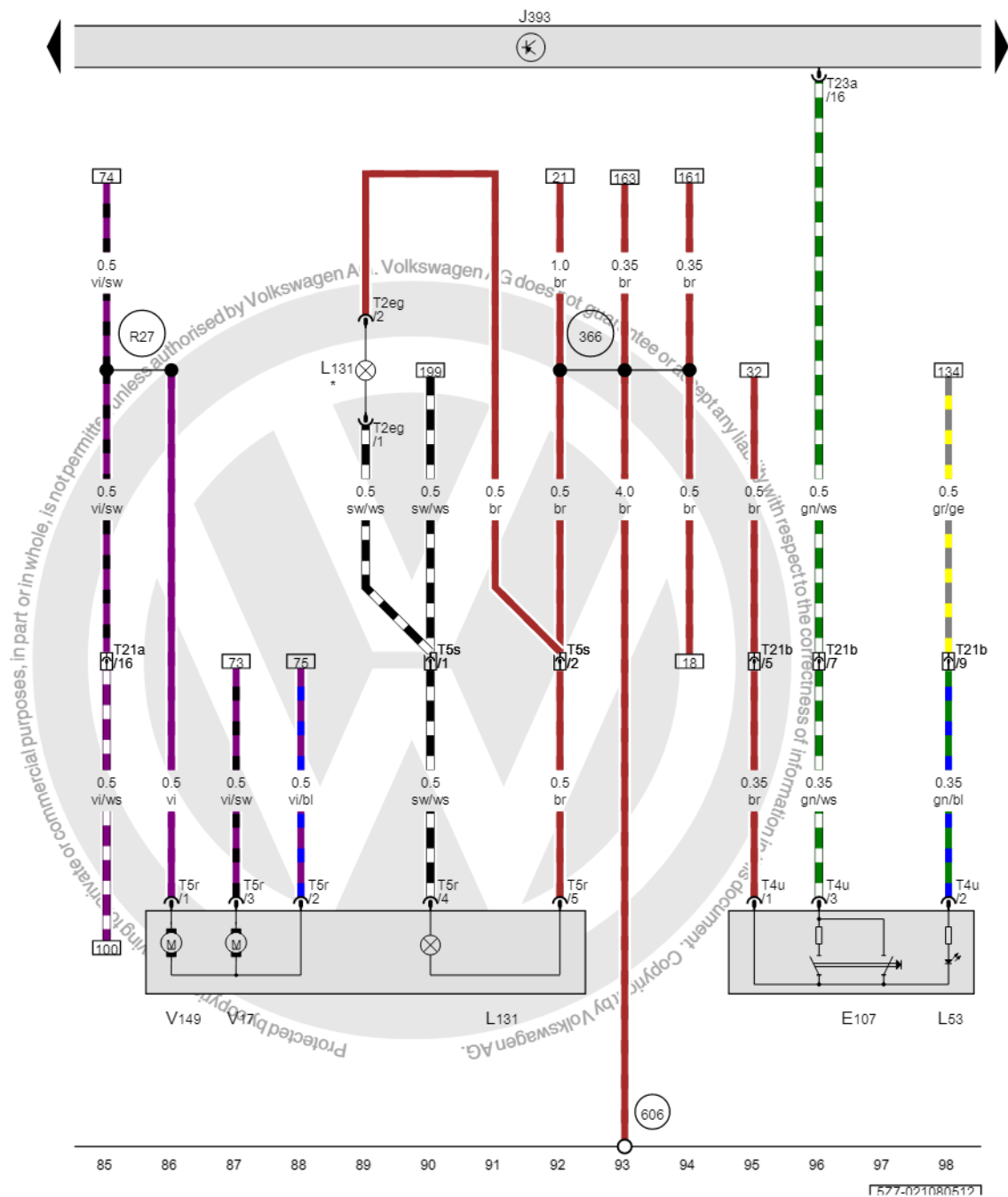


Rear window regulator isolation switch, Mirror adjustment changeover switch, Convenience system central control unit

- E39 Rear window regulator isolation switch
- E48 Mirror adjustment changeover switch
- J351 Folding exterior mirror control unit
- J393 Convenience system central control unit
- T6r 6-pin connector
- T10e 10-pin connector
- T12c 12-pin connector
- T18b 18-pin connector
- T21a 21-pin connector, in front left door
- 267 Earth connection 2, in drive side door wiring harness

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Window regulator switch in front passenger door, Convenience system central control unit, Window regulator switch illumination bulb, Driver side turn signal repeater bulb, Driver side mirror adjustment motor

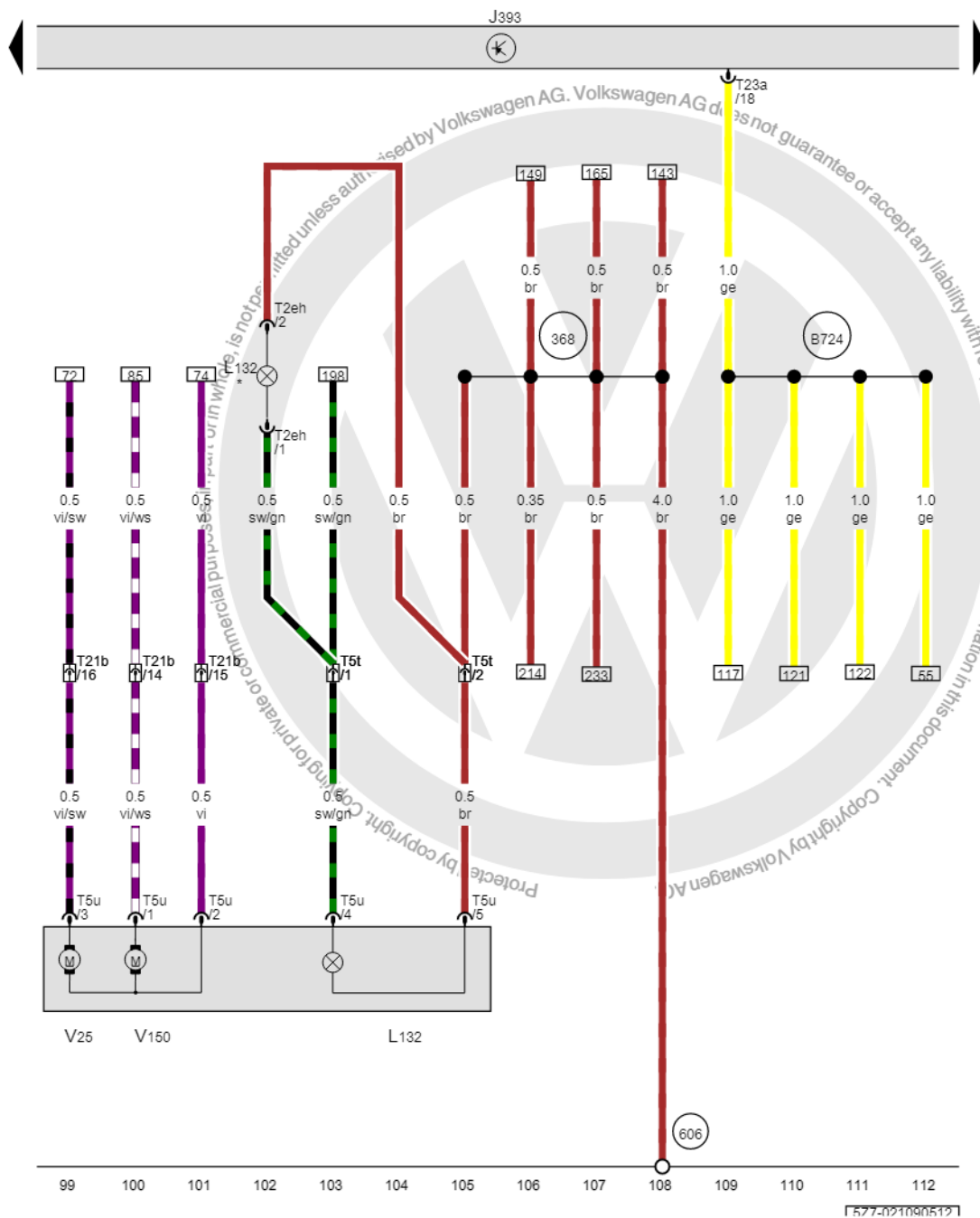
- E107 Window regulator switch in front passenger door
- J393 Convenience system central control unit
- L53 Window regulator switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T2eg 2-pin connector
- T4u 4-pin connector
- T5r 5-pin connector
- T5s 5-pin connector, in front left door
- T21a 21-pin connector, in front left door
- T21b 21-pin connector, in front right door
- T23a 23-pin connector
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

R27 Connection (mirror adjustment), in driver door wiring harness

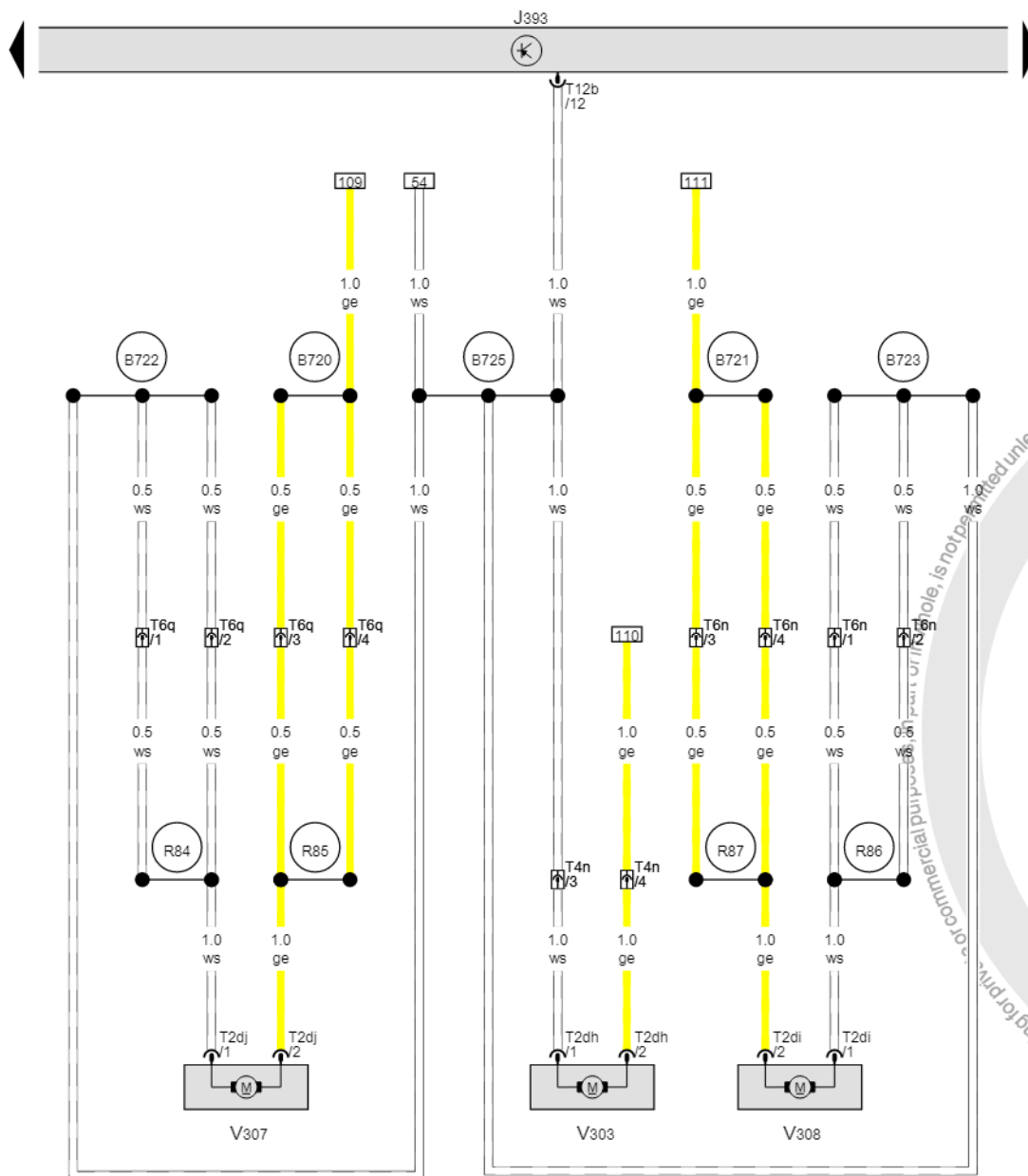
\* Only models with no electrically adjustable exterior mirrors



Convenience system central control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor

- J393 Convenience system central control unit
- L132 Front passenger side turn signal repeater bulb
- T2eh 2-pin connector
- T5t 5-pin connector, in front right door
- T5u 5-pin connector
- T21b 21-pin connector, in front right door
- T23a 23-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B724 Connection (central locking unlocked), in main wiring harness
- \* Only models with no electrically adjustable exterior mirrors

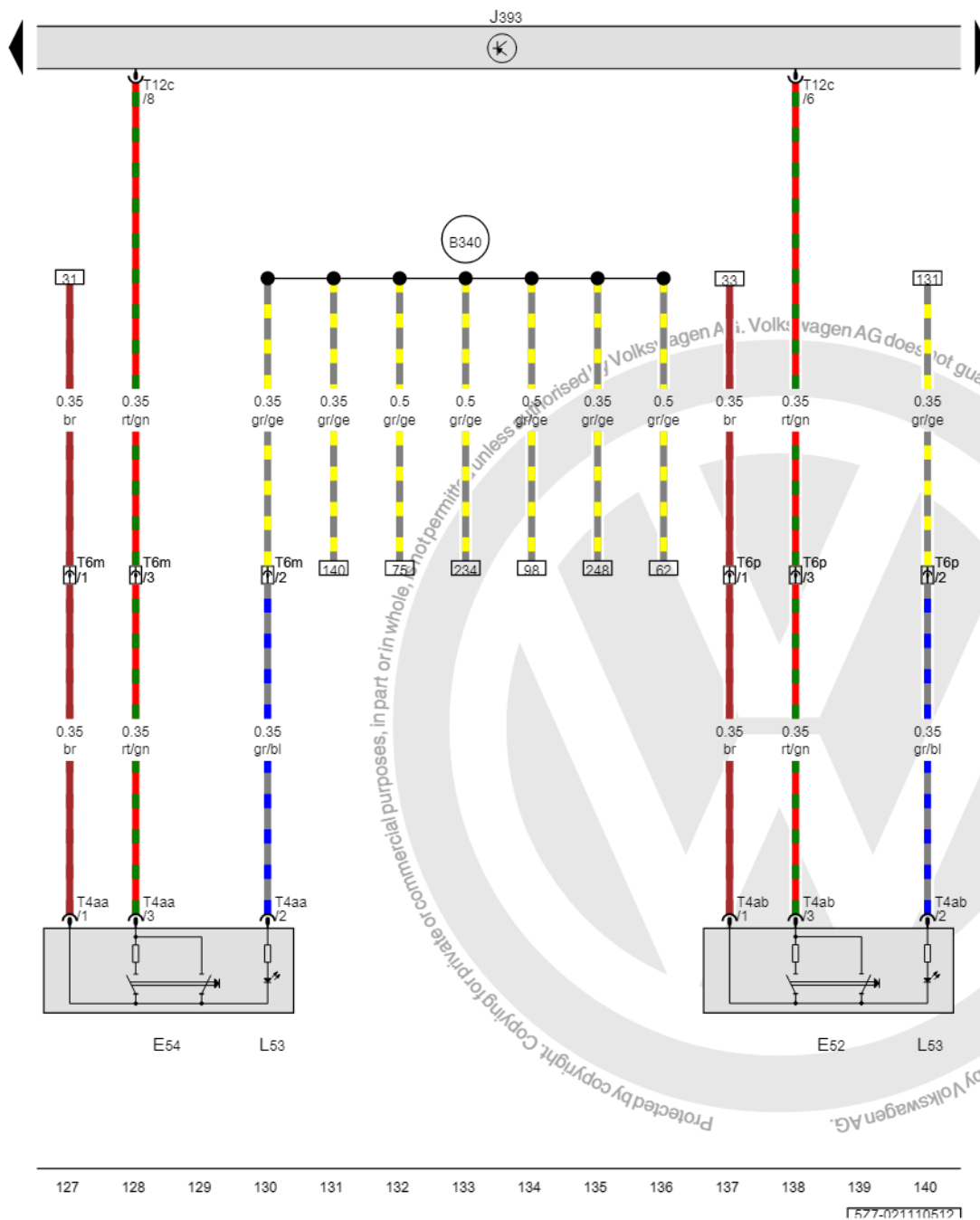


Convenience system central control unit, Front passenger door power latching motor, Rear left power latching motor, Rear right power latching motor

- J393 Convenience system central control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4n 4-pin connector, in front right door
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector, in rear left door
- T12b 12-pin connector
- V303 Front passenger door power latching motor
- V307 Rear left power latching motor
- V308 Rear right power latching motor

- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness

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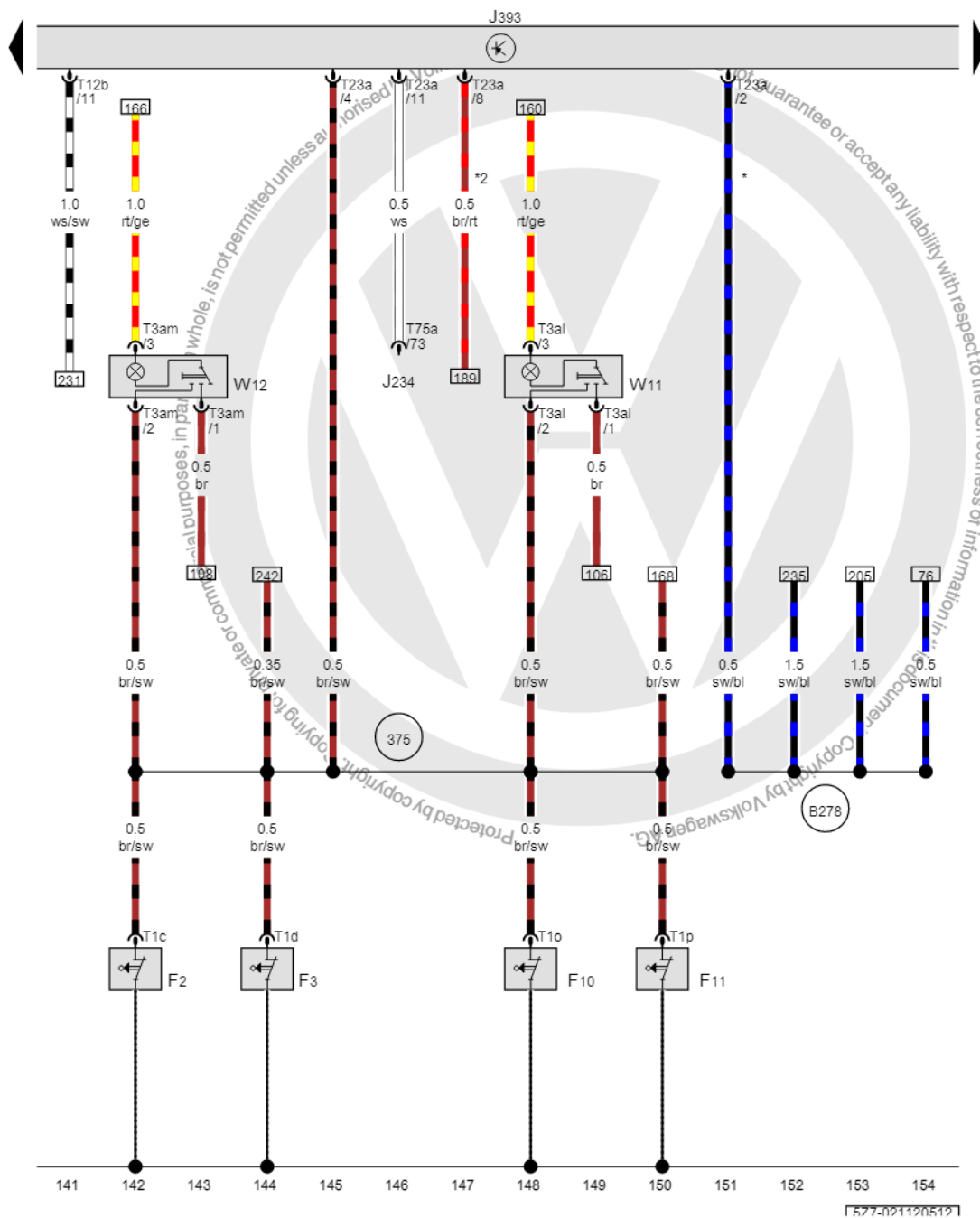


Rear left window regulator switch, in door, Rear right window regulator switch, in door, Convenience system central control unit, Window regulator switch illumination bulb

- E52 Rear left window regulator switch, in door
- E54 Rear right window regulator switch, in door
- J393 Convenience system central control unit
- L53 Window regulator switch illumination bulb
- T4aa 4-pin connector
- T4ab 4-pin connector
- T6m 6-pin connector, in rear right door
- T6p 6-pin connector, in rear left door
- T12c 12-pin connector

B340 Connection 1 (58d), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Convenience system central control unit, Rear left reading light, Rear right reading light

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J234 Airbag control unit
- J393 Convenience system central control unit
- T1c Single connector
- T1d Single connector
- T1o Single connector
- T1p Single connector
- T3al 3-pin connector
- T3am 3-pin connector
- T12b 12-pin connector
- T23a 23-pin connector
- T75a 75-pin connector
- W11 Rear left reading light
- W12 Rear right reading light

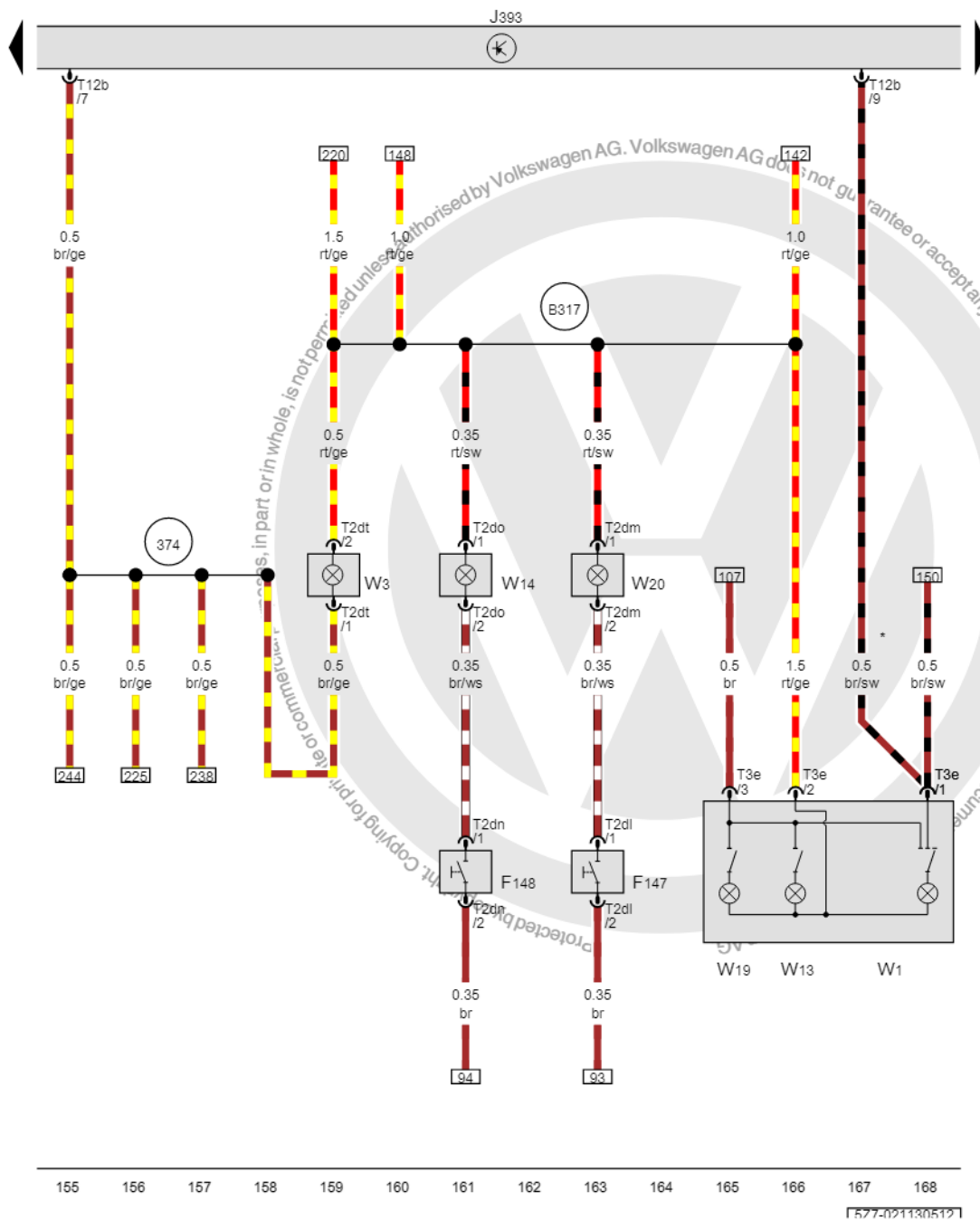
375 Earth connection 10, in main wiring harness

B278 Positive connection 2 (15a) in main wiring harness

\* Only models with electric rear lid opener

\*2 For models with anti-theft alarm system

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Convenience system central control unit, Front interior light, Luggage compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

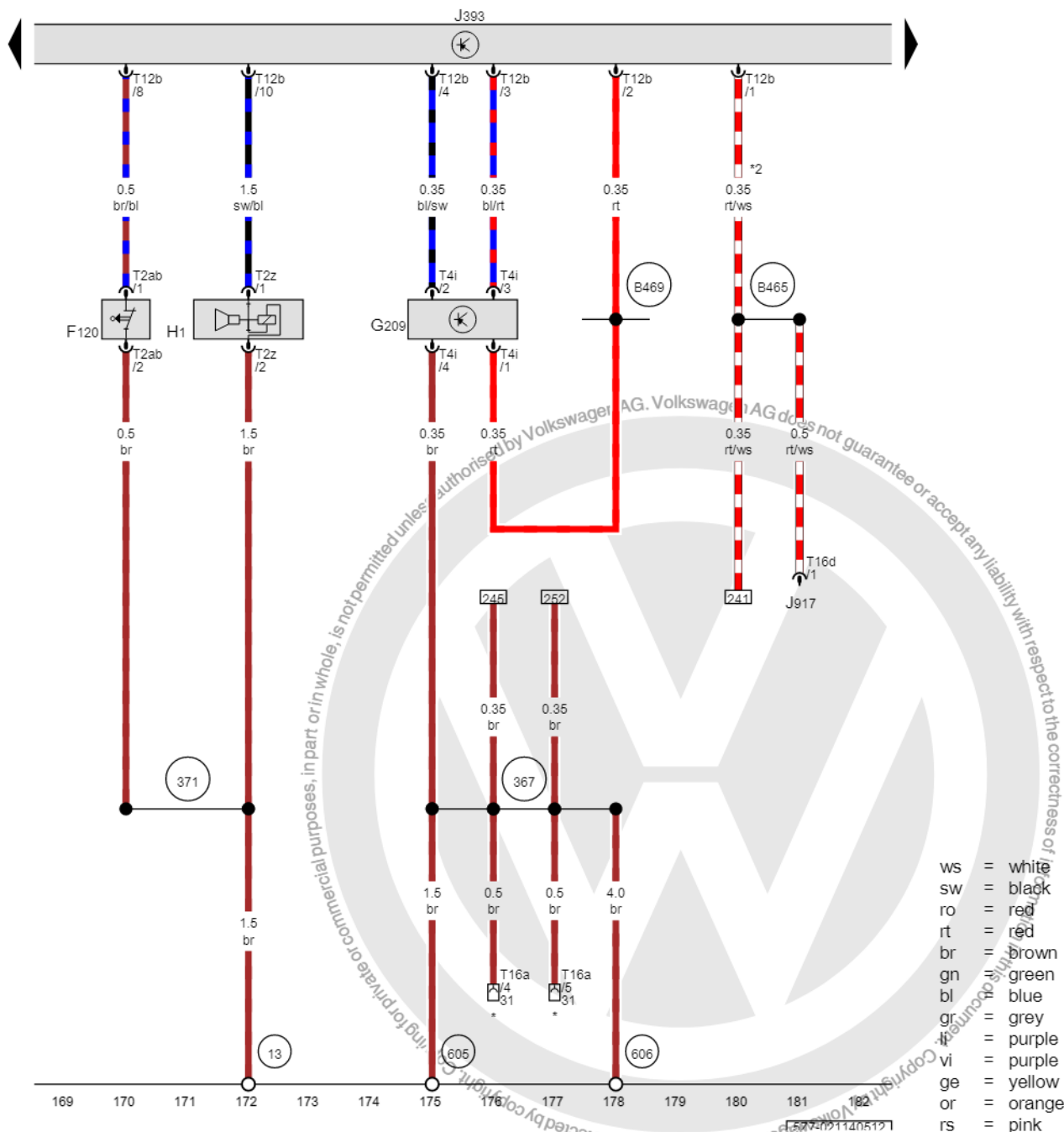
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J393 Convenience system central control unit
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2dn 2-pin connector
- T2do 2-pin connector
- T2dt 2-pin connector
- T3e 3-pin connector
- T12b 12-pin connector
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W14 Front passenger side illuminated vanity mirror
- W19 Driver side reading light
- W20 Driver side illuminated vanity mirror

374 Earth connection 9, in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

\* Only models with remote controlled central locking



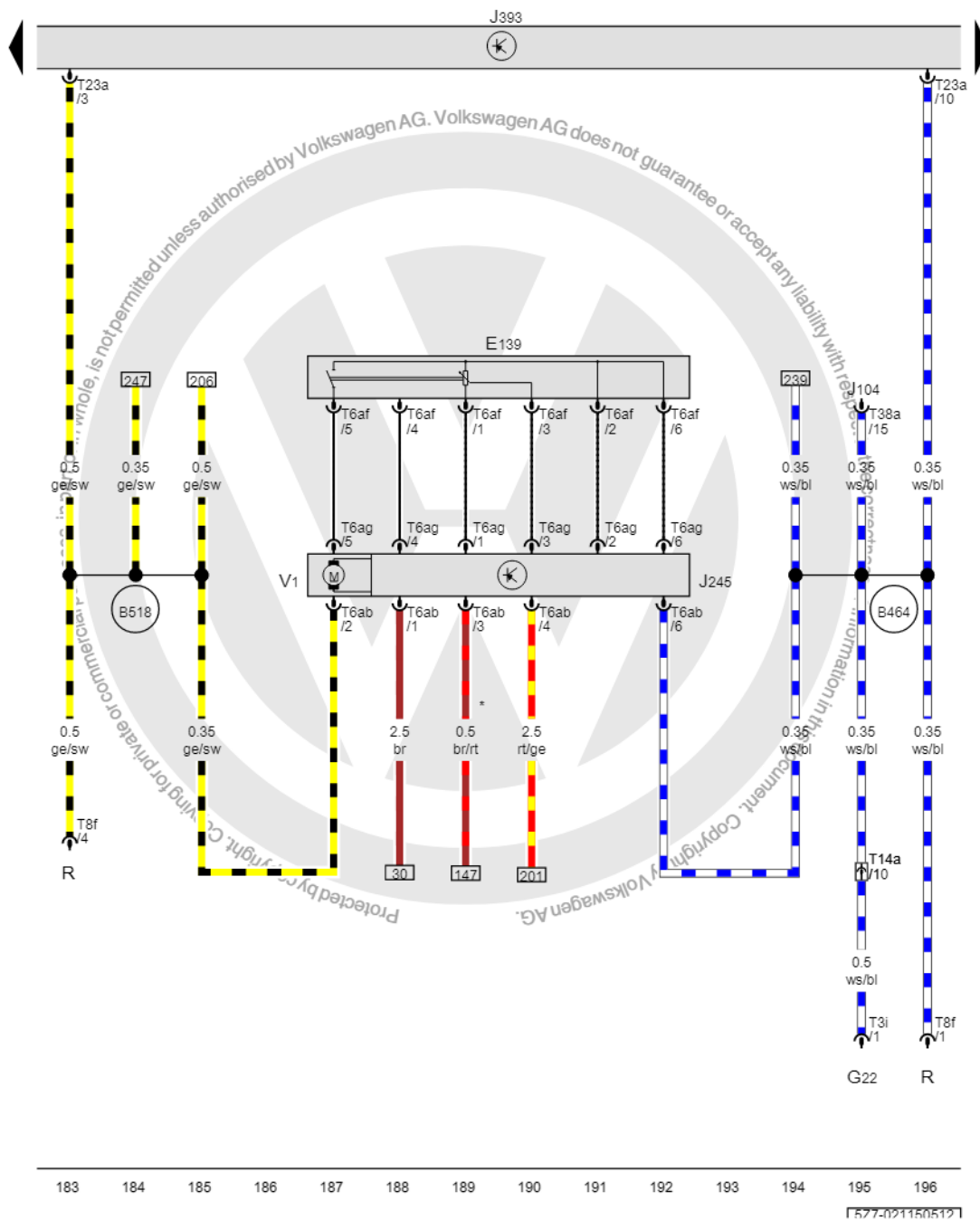


Anti-theft alarm and vermin repellent system contact switch,  
Anti-theft alarm ultrasonic sensor, Horn or dual tone horn,  
Convenience system central control unit

- F120 Anti-theft alarm and vermin repellent system contact switch
- G209 Anti-theft alarm ultrasonic sensor
- H1 Horn or dual tone horn
- J393 Convenience system central control unit
- J917 Control unit for lighting and wiper functions
- T2ab 2-pin connector
- T2z 2-pin connector
- T4i 4-pin connector
- T12b 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector

- 13 Earth point, on right in engine compartment
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B465 Connection 1, in main wiring harness
- B469 Connection 5, in main wiring harness
- \* Diagnostic connection
- \*2 Only models with control unit for lighting and wiper functions

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Sliding sunroof adjustment regulator, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

- E139 Sliding sunroof adjustment regulator
- G22 Speedometer sender
- J104 ABS control unit
- J245 Sliding sunroof adjustment control unit
- J393 Convenience system central control unit
- R Radio
- T3i 3-pin connector
- T6ab 6-pin connector
- T6af 6-pin connector
- T6ag 6-pin connector
- T8f 8-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T38a 38-pin connector
- V1 Sliding sunroof motor

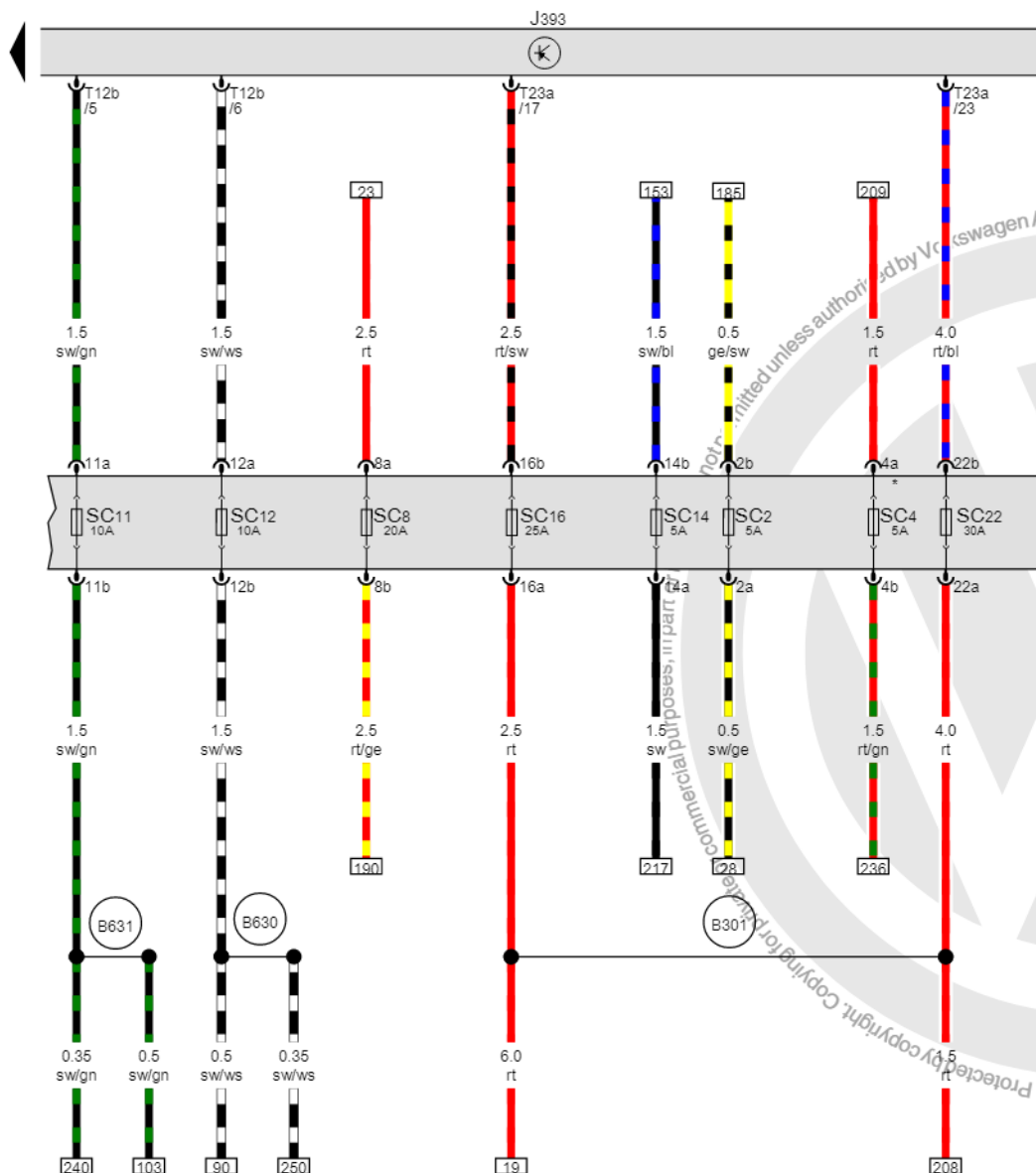
B464 Connection (speed signal), in main wiring harness

B518 Connection (86s), in main wiring harness

\* For models with anti-theft alarm system

- ws = white
- sw = black
- ro = red
- rt = red
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- gr = grey
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- or = orange
- rs = pink





# Convenience system central control unit

J393 Convenience system central control unit

SC2 Fuse 2 on fuse holder C

SC4 Fuse 4 on fuse holder C

SC8 Fuse 8 on fuse holder C

SC11 Fuse 11 on fuse holder C

SC12 Fuse 12 on fuse holder C

SC14 Fuse 14 on fuse holder C

SC16 Fuse 16 on fuse holder C

SC22 Fuse 22 on fuse holder C

T12b 12-pin connector

T23a 23-pin connector

B301 Positive connection 5 (30), in main wiring harness

B630 Positive connection (left turn signal bulb), in main wiring harness

B631 Positive connection (right turn signal bulb), in main wiring harness

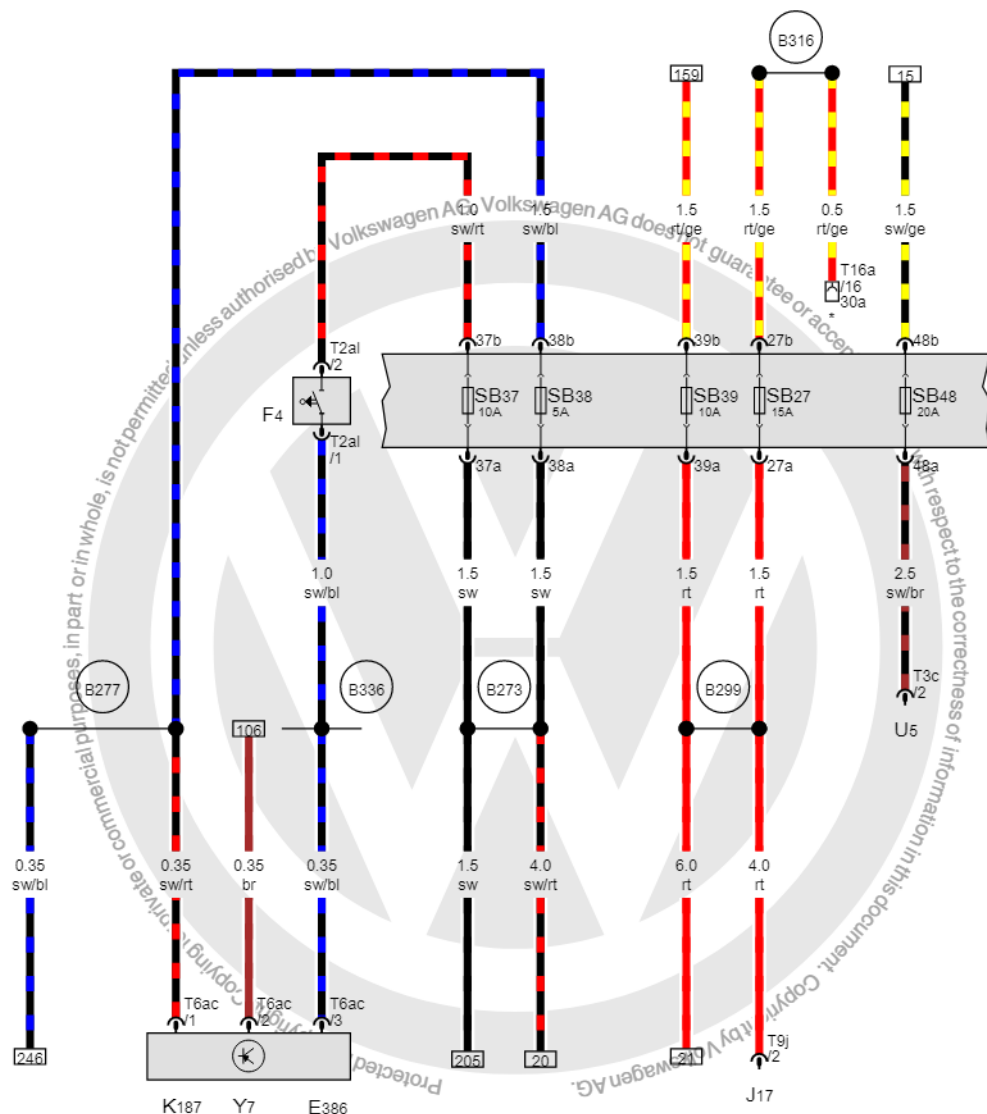
\* Only models with control unit for lighting and wiper functions

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Anti-dazzle interior mirror button, Reversing light switch, Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F4 Reversing light switch
- J17 Fuel pump relay
- K187 Anti-dazzle interior mirror warming lamp
- SB27 Fuse 27 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T2al 2-pin connector
- T3c 3-pin connector
- T6ac 6-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- U5 12 V socket
- Y7 Automatic anti-dazzle interior mirror

- B273 Positive connection (15), in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- \* Diagnostic connection

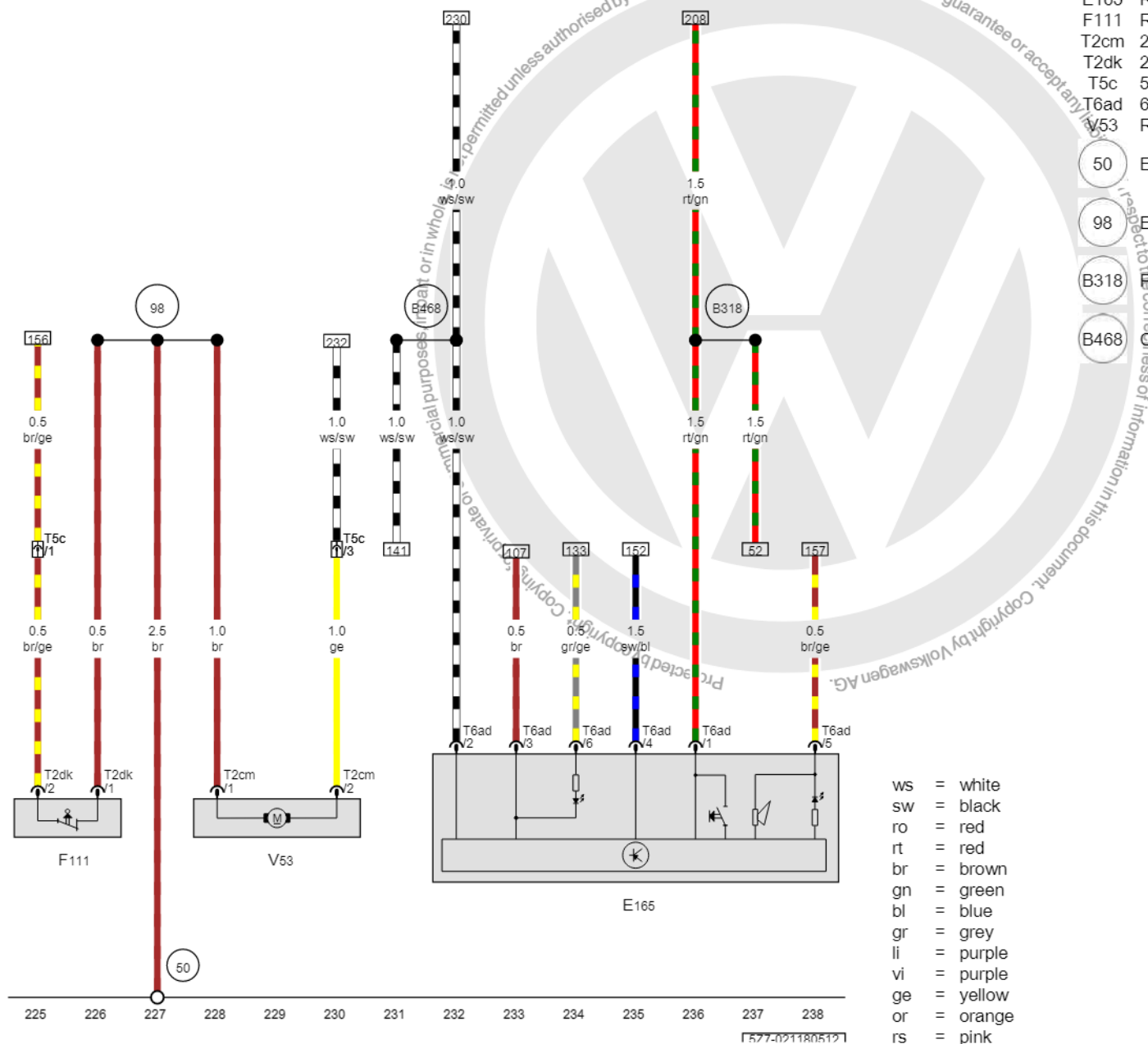


- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rear lid release switch, Rear lid contact switch, Rear lid central locking motor

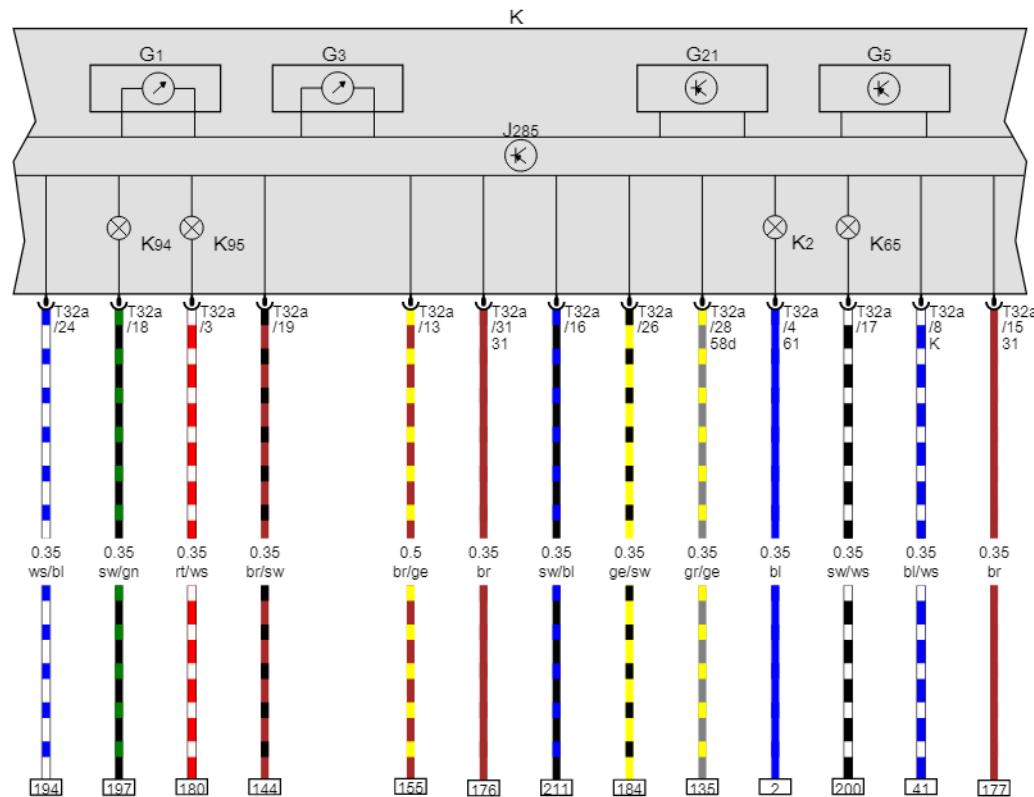
- E165 Rear lid release switch
- F111 Rear lid contact switch
- T2cm 2-pin connector
- T2dk 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T6ad 6-pin connector
- V53 Rear lid central locking motor

- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- B468 Connection 4, in main wiring harness



Fuel gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Alarm system warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector



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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Coming home/leaving home function with rain sensor

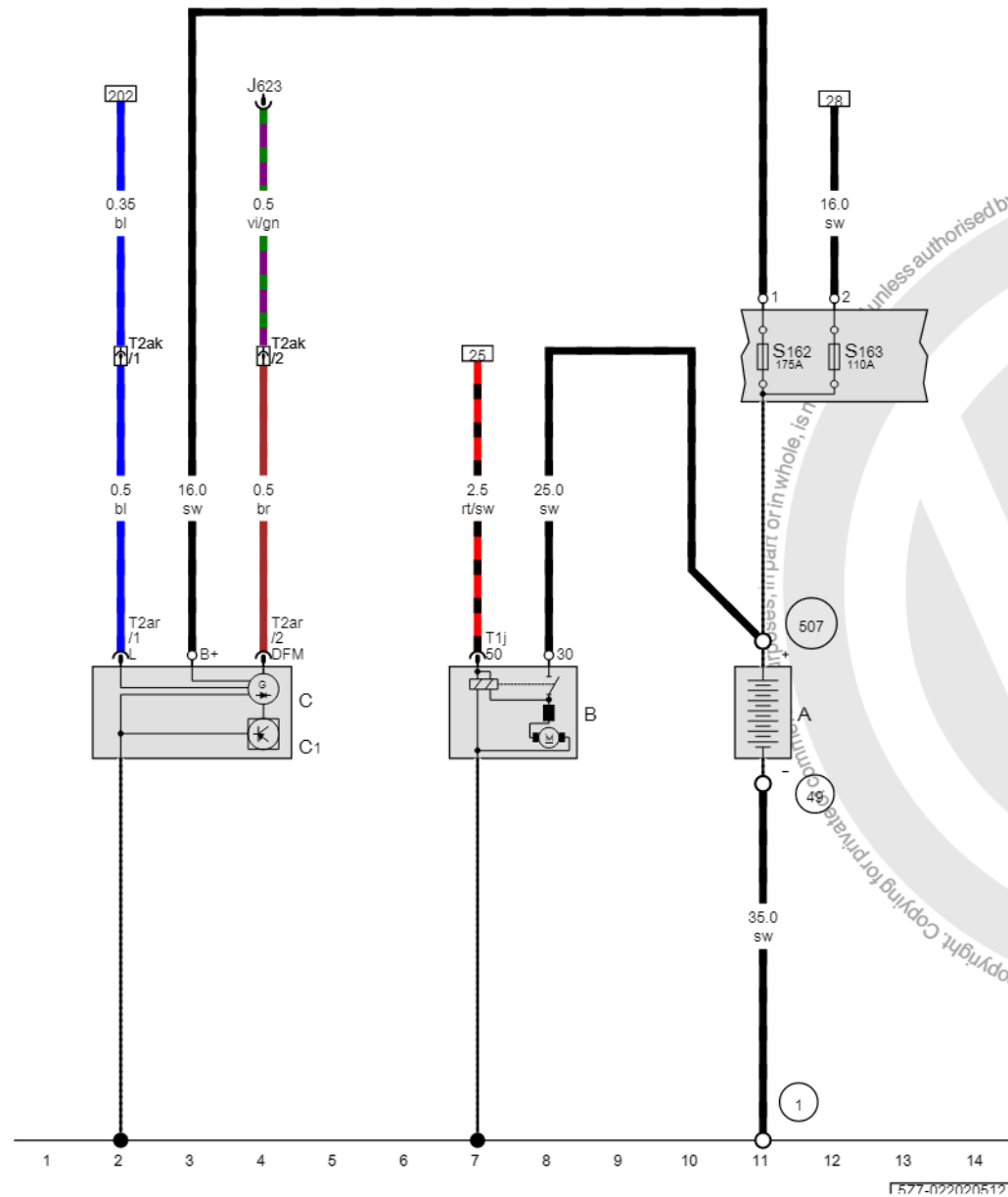
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

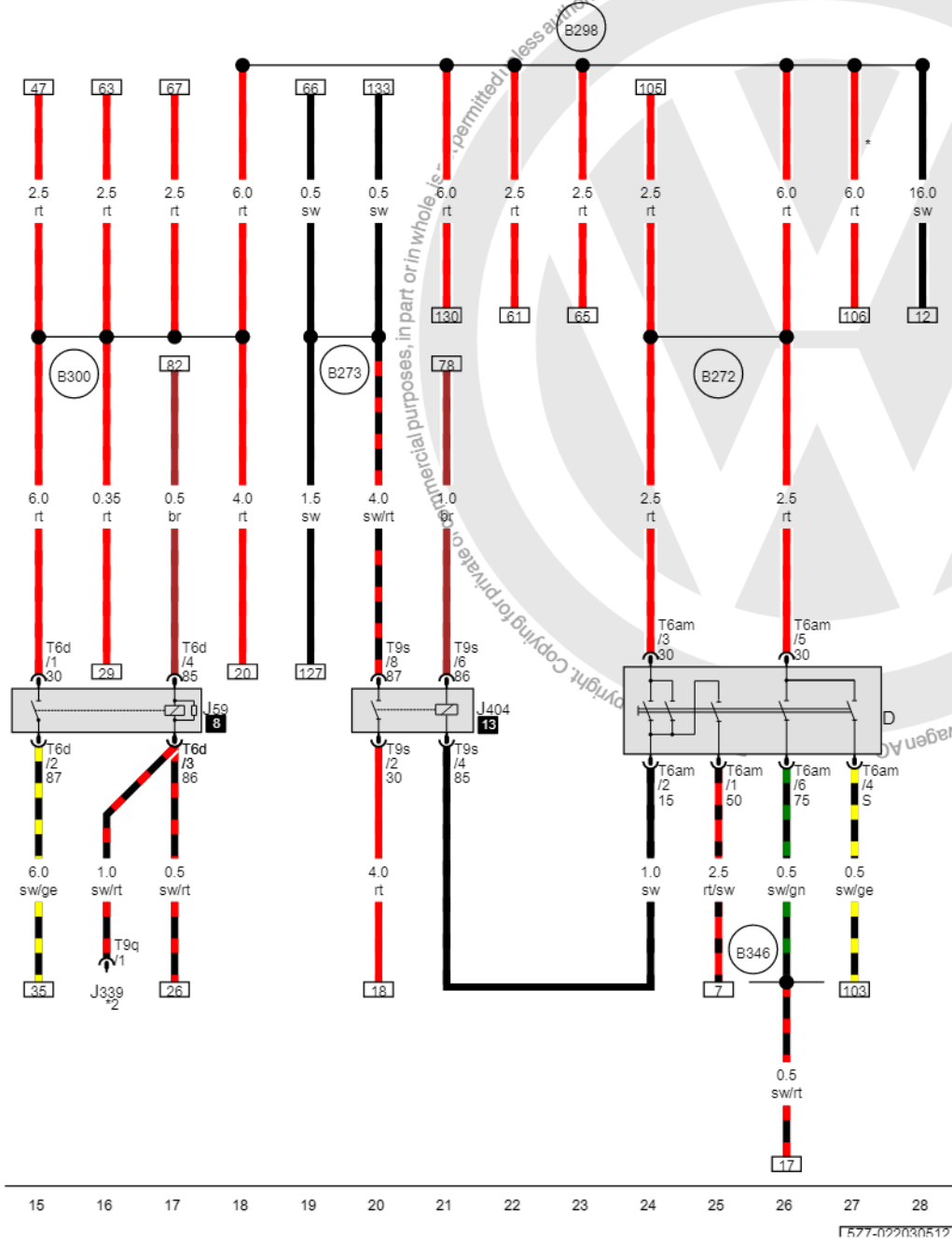


1577-0220205121

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J339 X contact relief relay 2
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9q 9-pin connector
- T9s 9-pin connector

- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- \* Only models with central locking
- \*2 Only models with automated manual gearbox

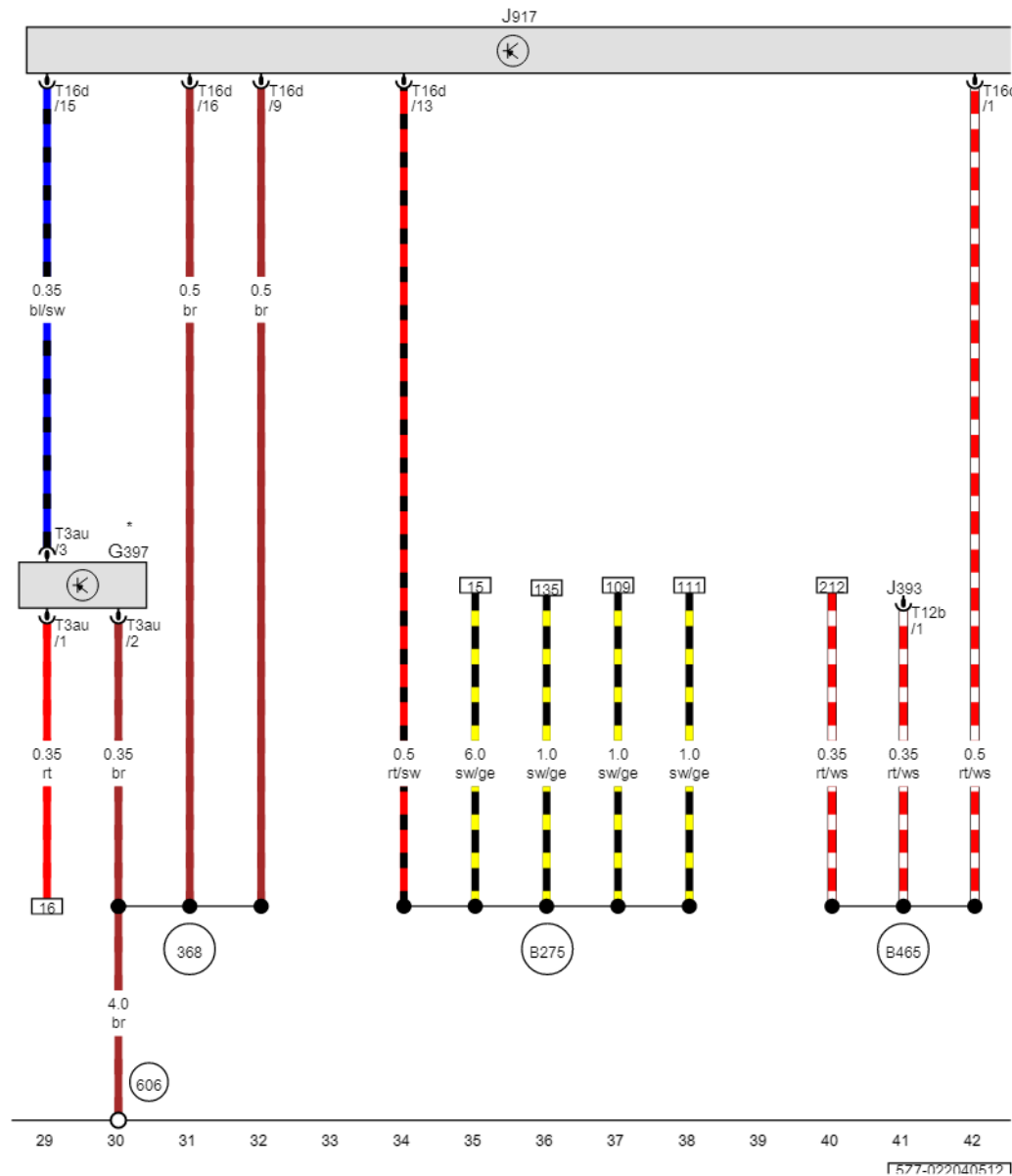


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Rain and light sensor, Control unit for lighting and wiper functions

- G397 Rain and light sensor
- J393 Convenience system central control unit
- J917 Control unit for lighting and wiper functions
- T3au 3-pin connector
- T12b 12-pin connector
- T16d 16-pin connector

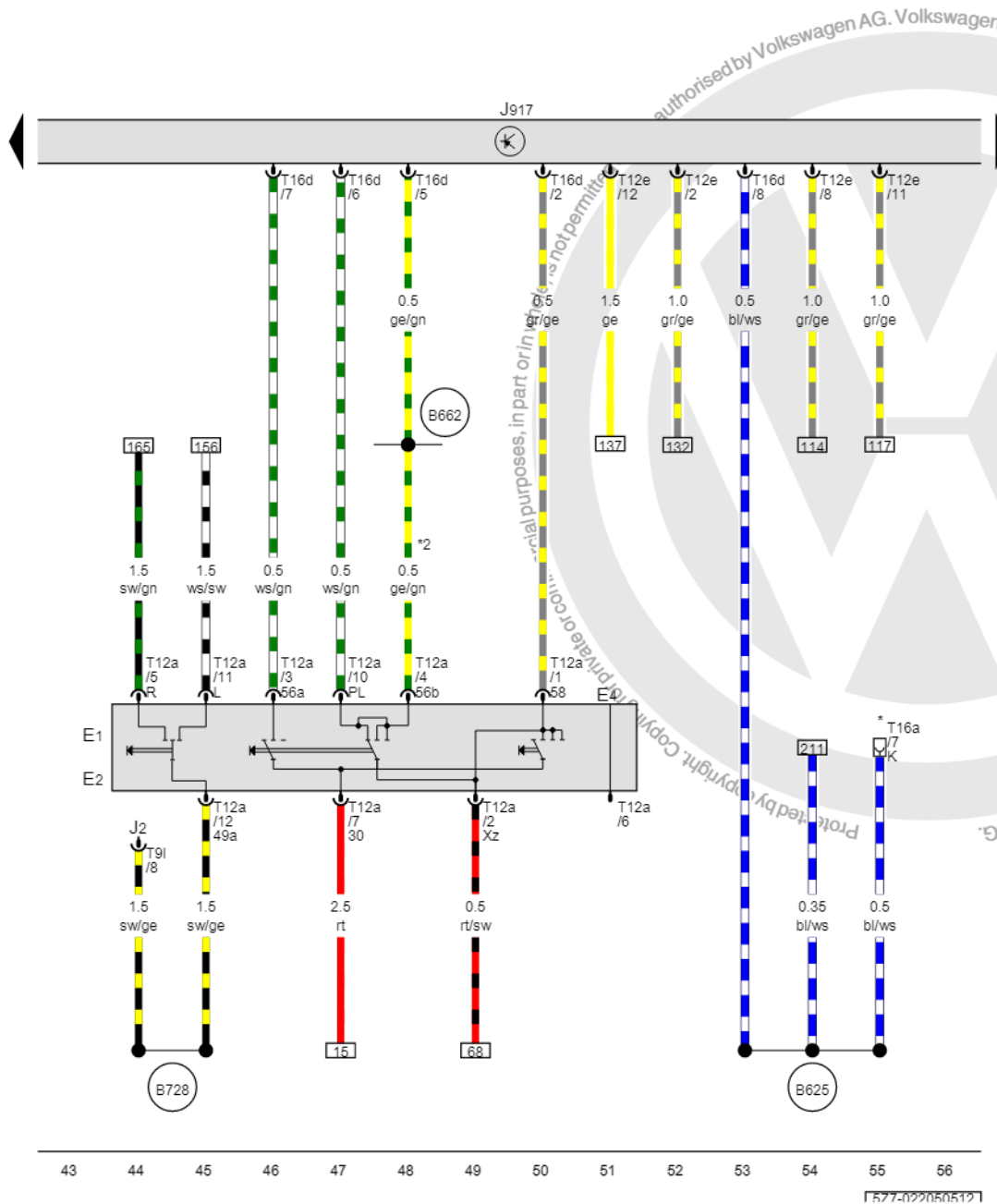
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B465 Connection 1, in main wiring harness
- \* Only models with automatic anti-dazzle interior mirror



- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
- rs = pink



Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions

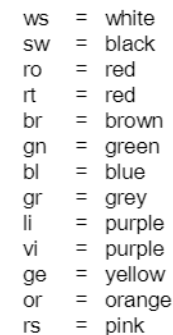


- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T9I 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector
- B625 Connection (K-diagnosis wire), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B728 Connection (49a), in main wiring harness
- \* Diagnostic connection
- \*2 Only CROSS models

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

J5	Fog light relay
J917	Control unit for lighting and wiper functions
T9r	9-pin connector
T12e	12-pin connector
T16d	16-pin connector

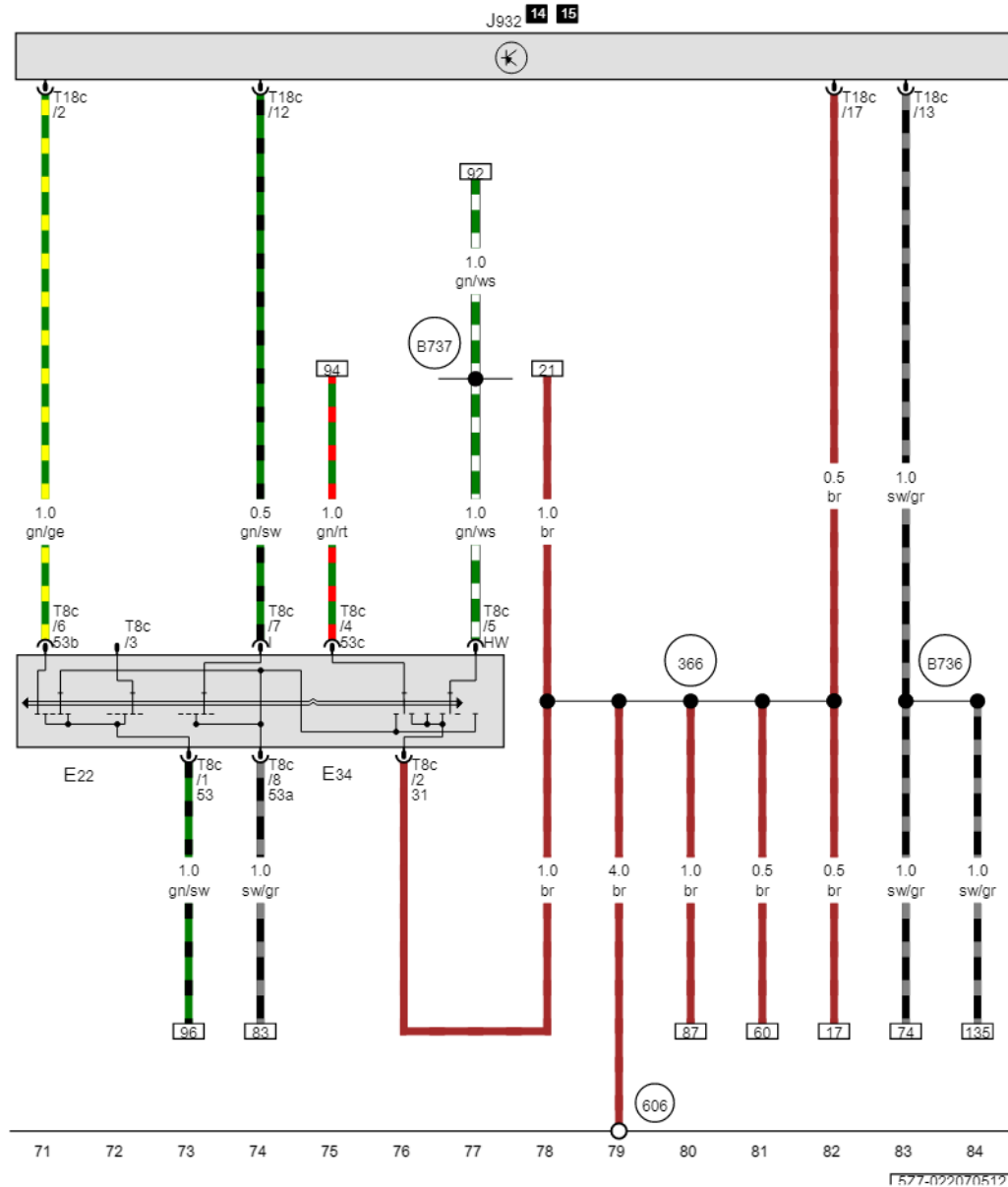
Only CROSS models



Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe control unit

E22 Intermittent wiper switch  
E34 Rear wiper switch  
J932 Automatic intermittent wash and wipe control unit  
T8c 8-pin connector  
T18c 18-pin connector

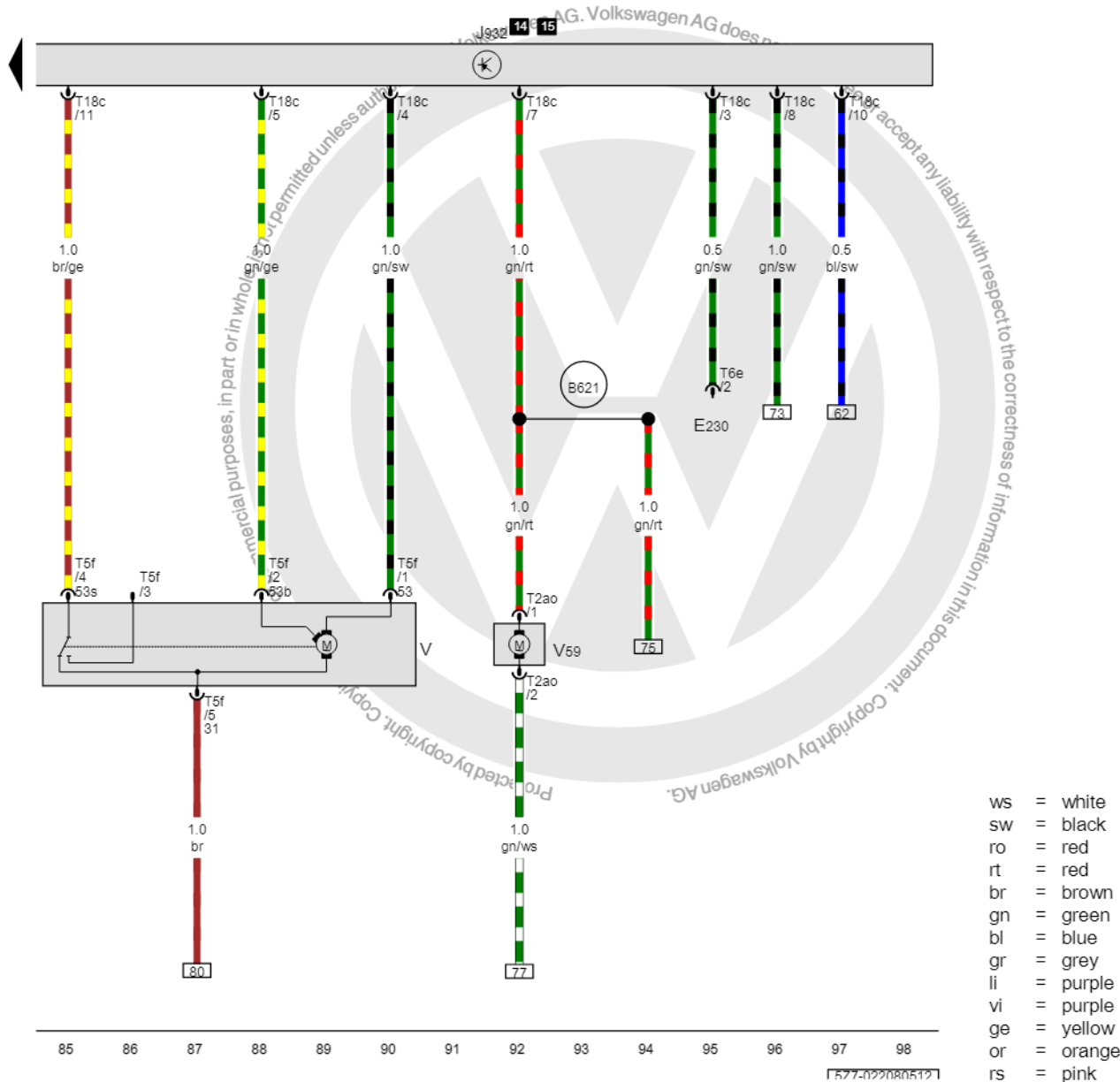
366 Earth connection 1, in main wiring harness  
606 Earth point, under the centre console near gear stick  
B736 Positive connection (53a), in main wiring harness  
B737 Connection 2 (53c), in main wiring harness

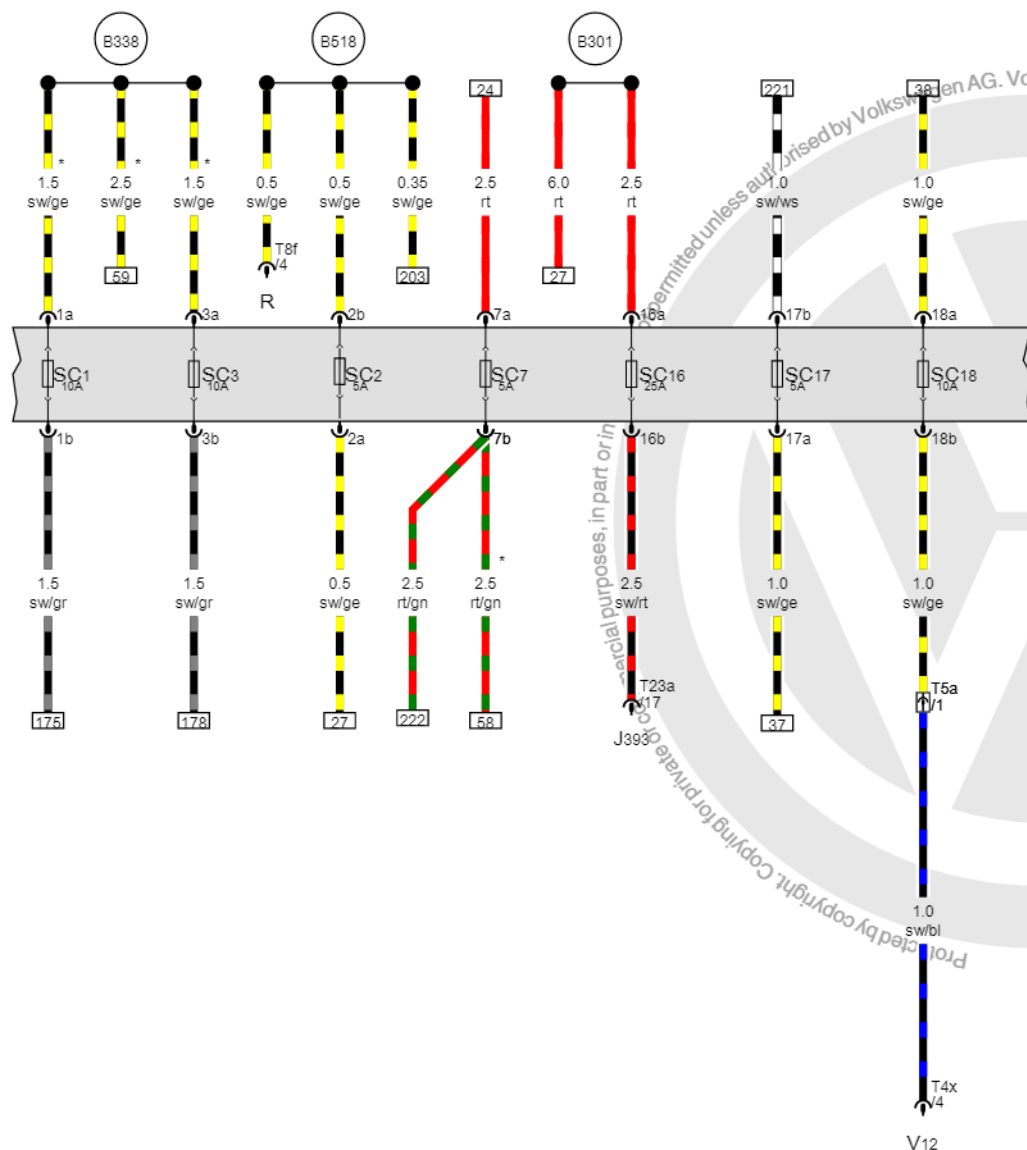


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Automatic intermittent wash and wipe control unit,  
Windscreen wiper motor, Windscreen and rear window  
washer pump

- E230 Heated rear window button
- J932 Automatic intermittent wash and wipe control unit
- T2ao 2-pin connector
- T5f 5-pin connector
- T6e 6-pin connector
- T18c 18-pin connector
- V Windscreen wiper motor
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness





Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor
- B301 Positive connection 5 (30), in main wiring harness
- B338 Connection 1 (56), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B, Fuse 46 on fuse holder B

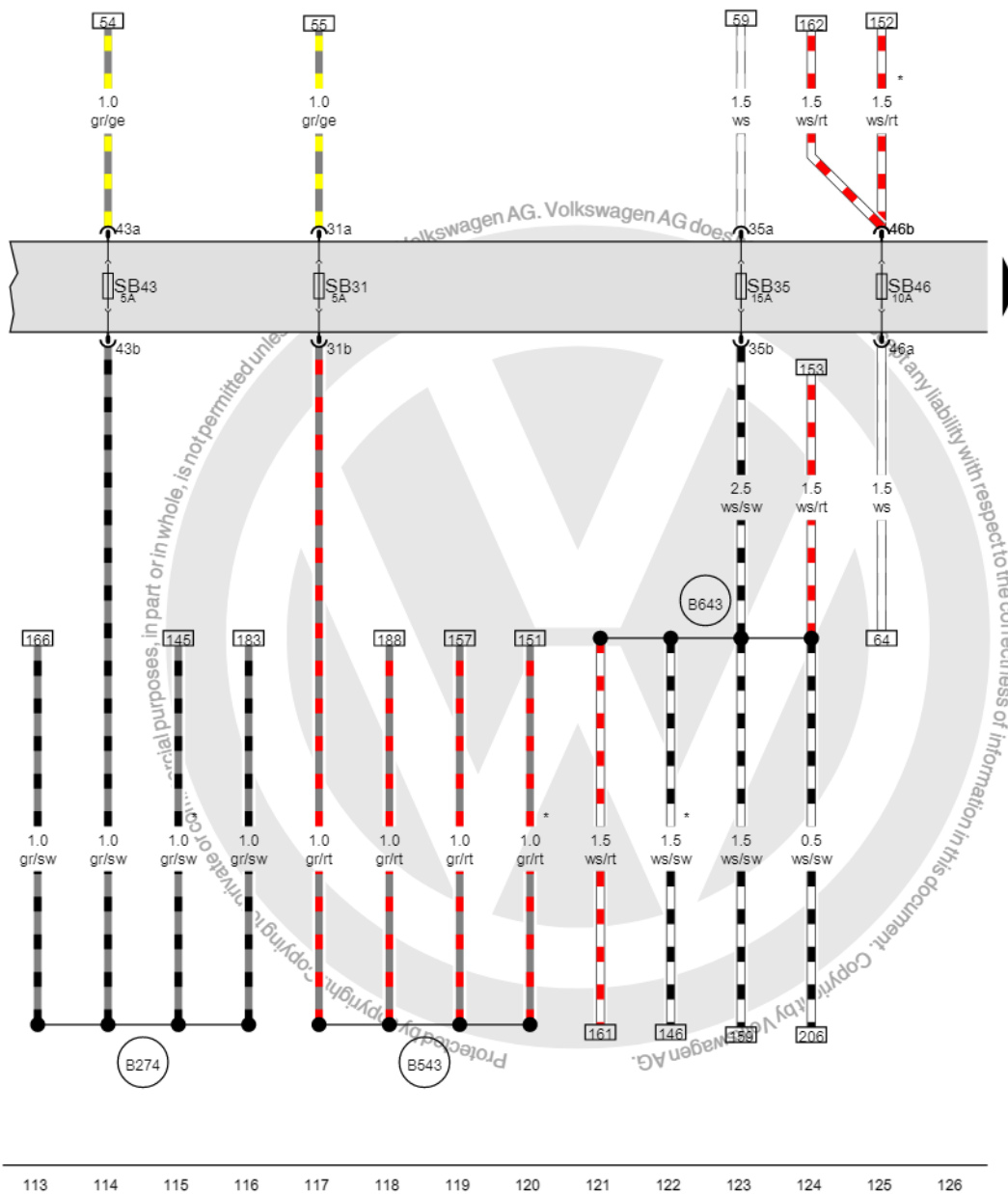
SB31 Fuse 31 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
SB46 Fuse 46 on fuse holder B

B274 Positive connection (58L), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

\* Only models with dual headlights



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

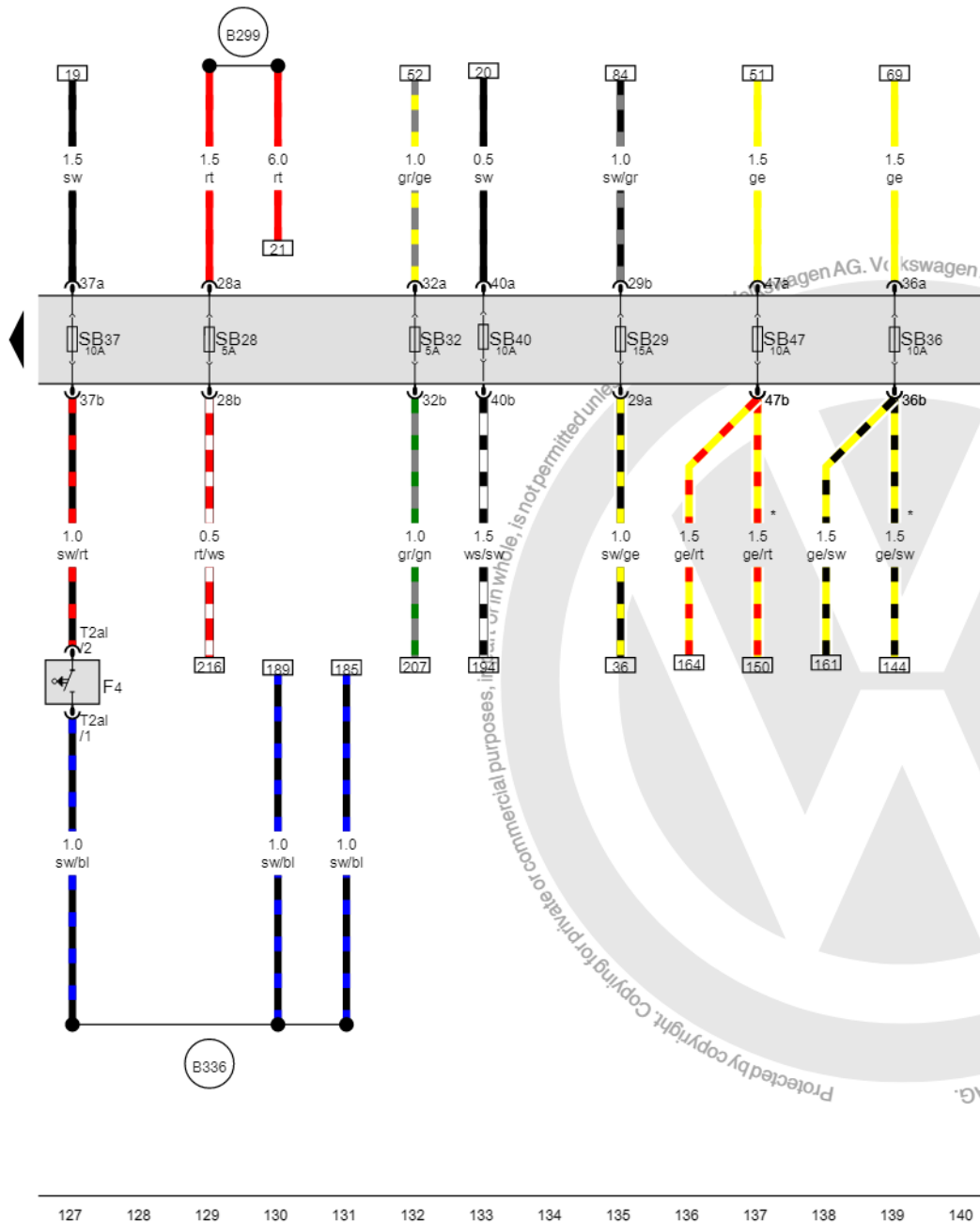
# Reversing light switch

- F4 Reversing light switch
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector

B299 Positive connection 3 (30), in main wiring harness

B336 Connection 2 (54), in main wiring harness

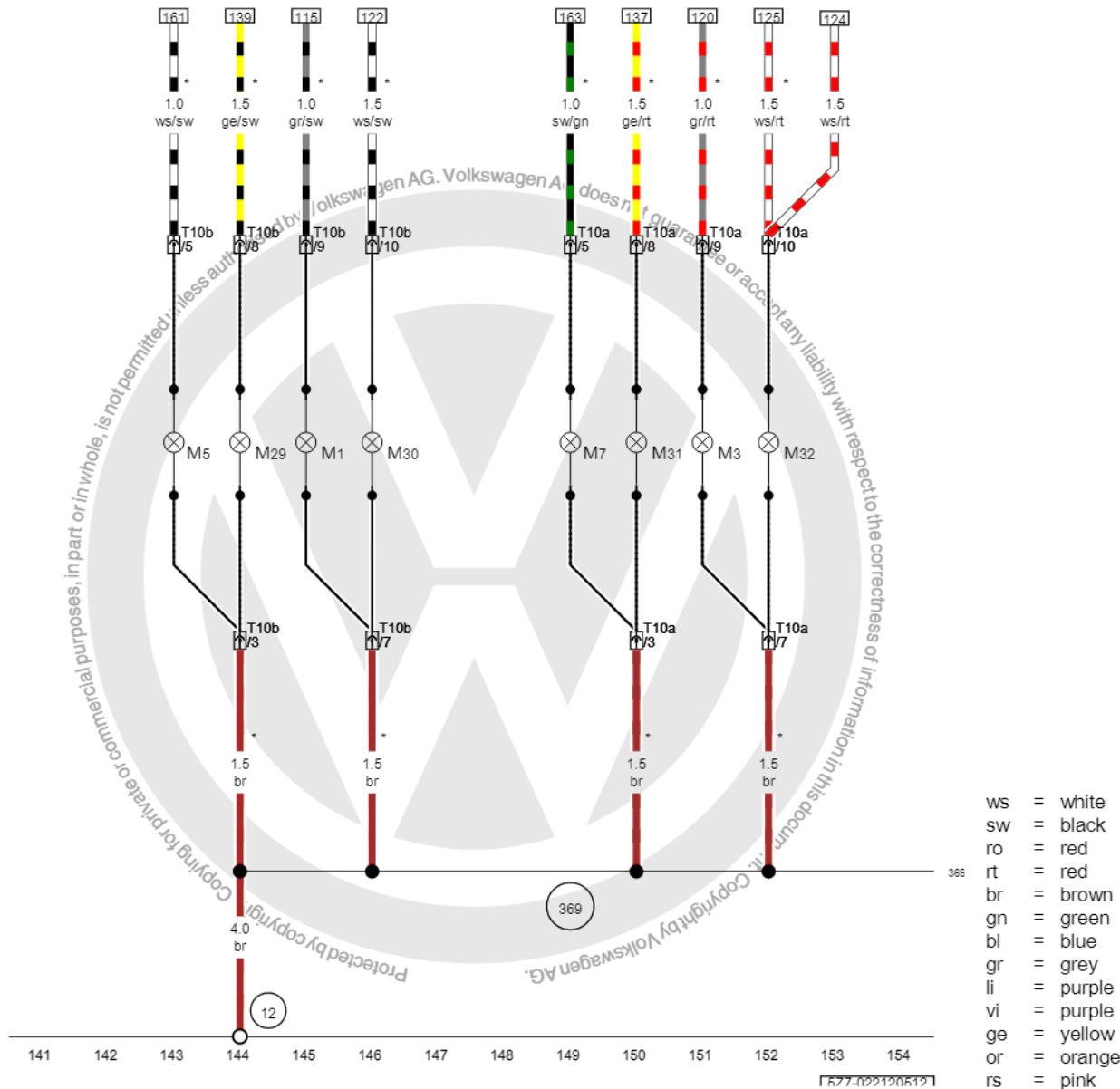
\* Only models with dual headlights



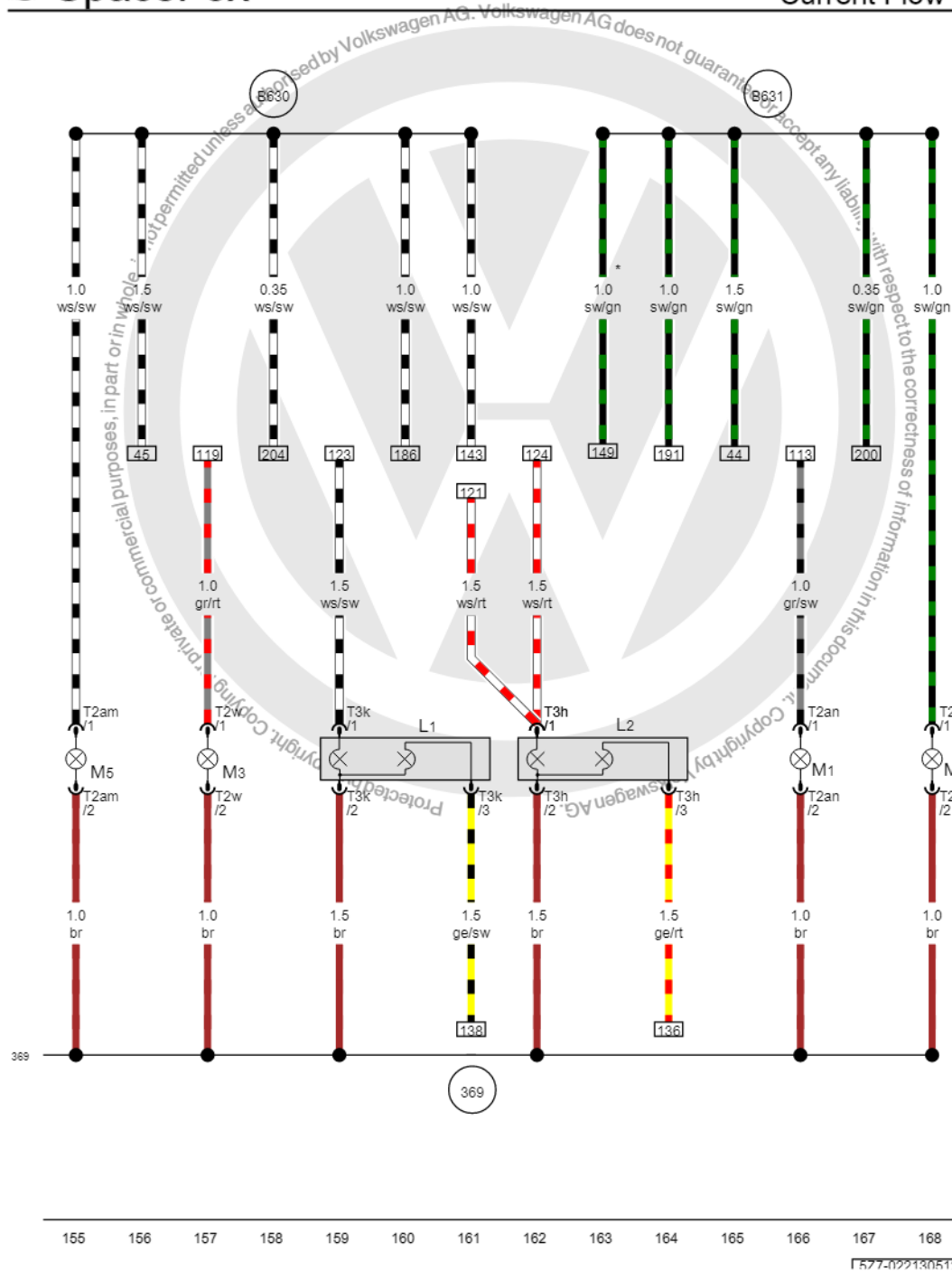
ws = white  
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 ge = yellow  
 or = orange  
 rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- \* Only models with dual headlights







Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

369 Earth connection 4, in main wiring harness

B630 Positive connection (left turn signal bulb), in main wiring harness

B631 Positive connection (right turn signal bulb), in main wiring harness

\* Only models with dual headlights

Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

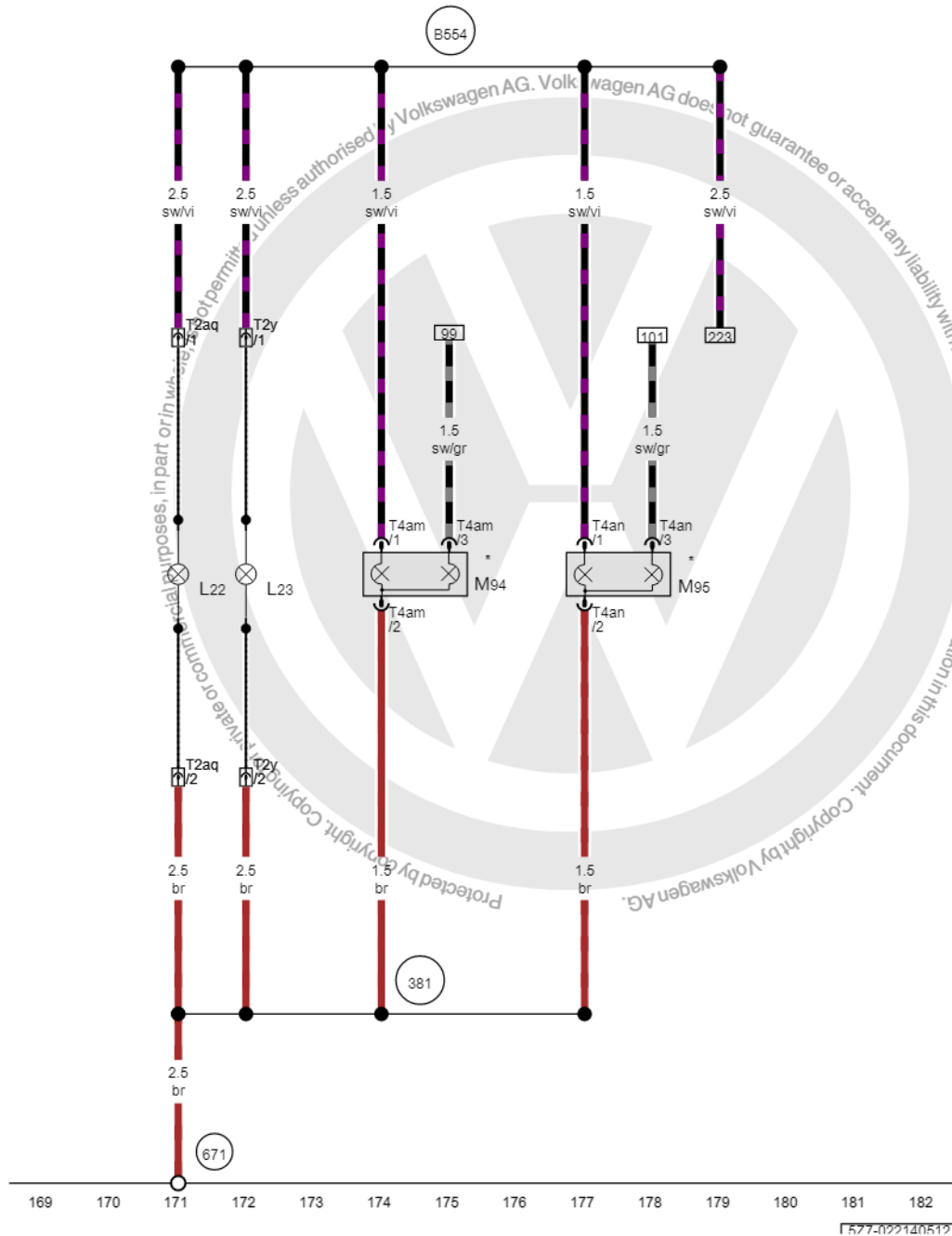
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

381 Earth connection 16, in main wiring harness

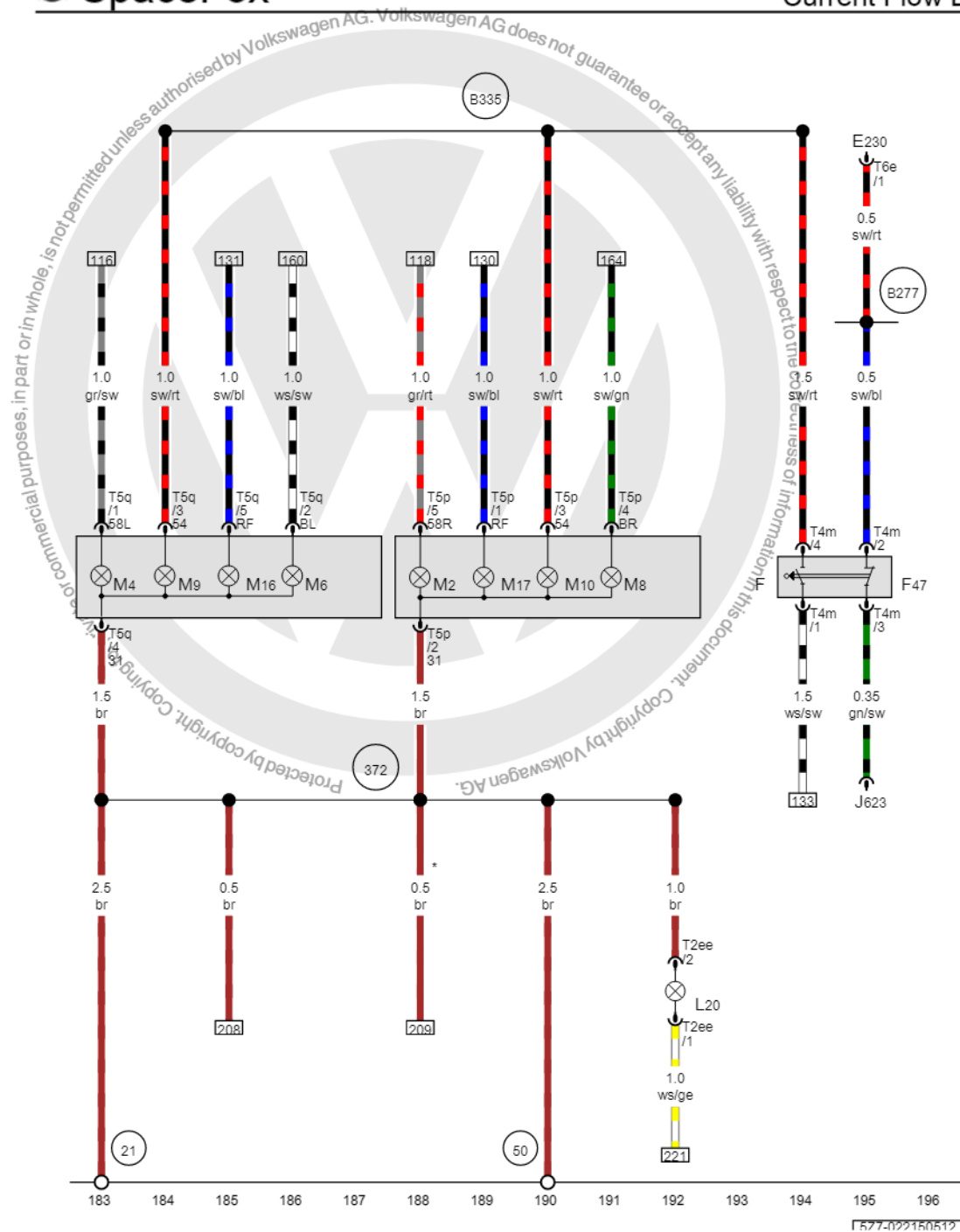
671 Earth point 1, on front of left longitudinal member

B554 Connection (fog light), in main wiring harness

\* Only CROSS models

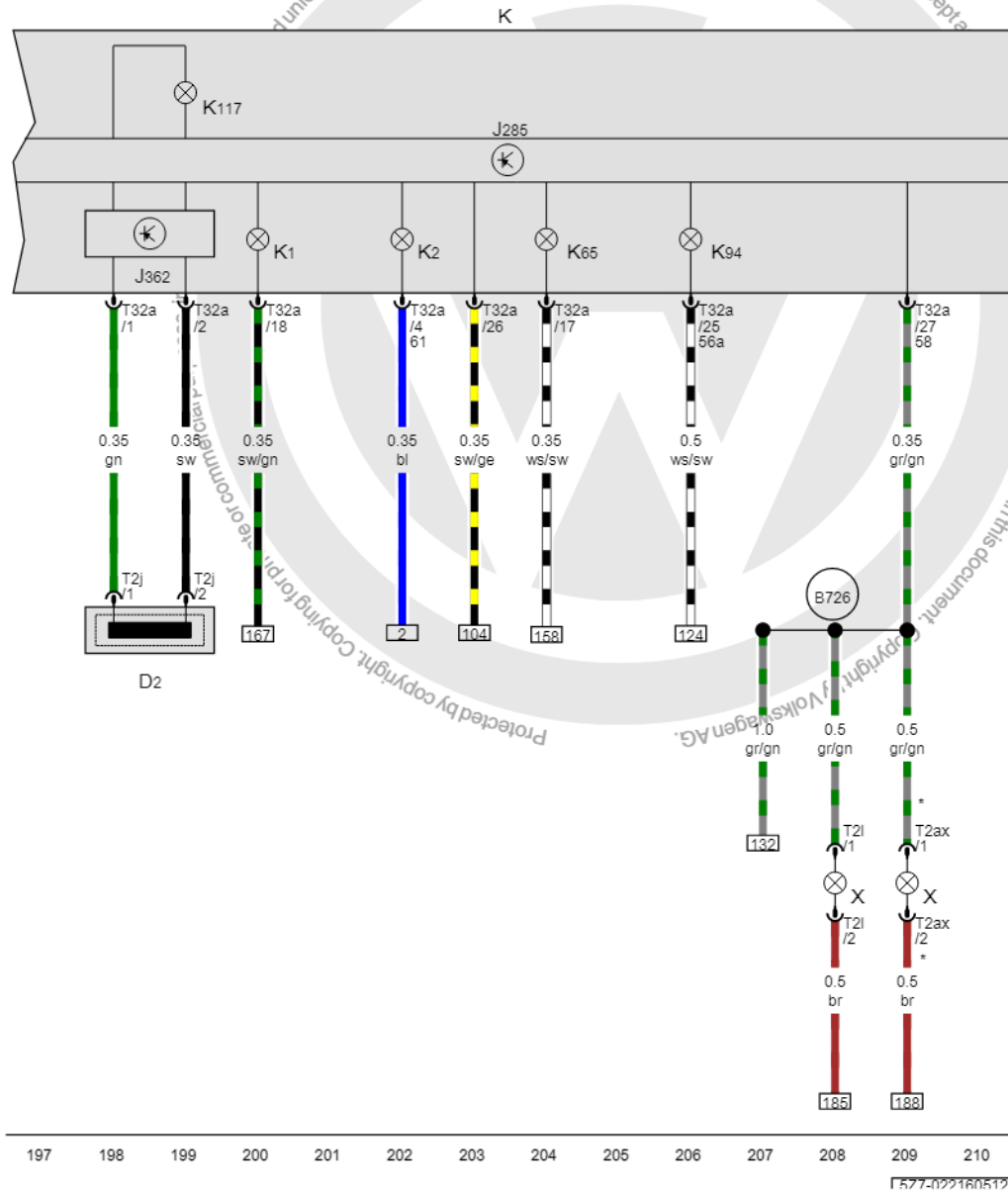


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Number plate light

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K117 Immobiliser warning lamp
- T2ax 2-pin connector
- T2j 2-pin connector
- T2l 2-pin connector
- T32a 32-pin connector
- X Number plate light
- (B726) Positive connection 2 (58), in main wiring harness
- \* Only CROSS models



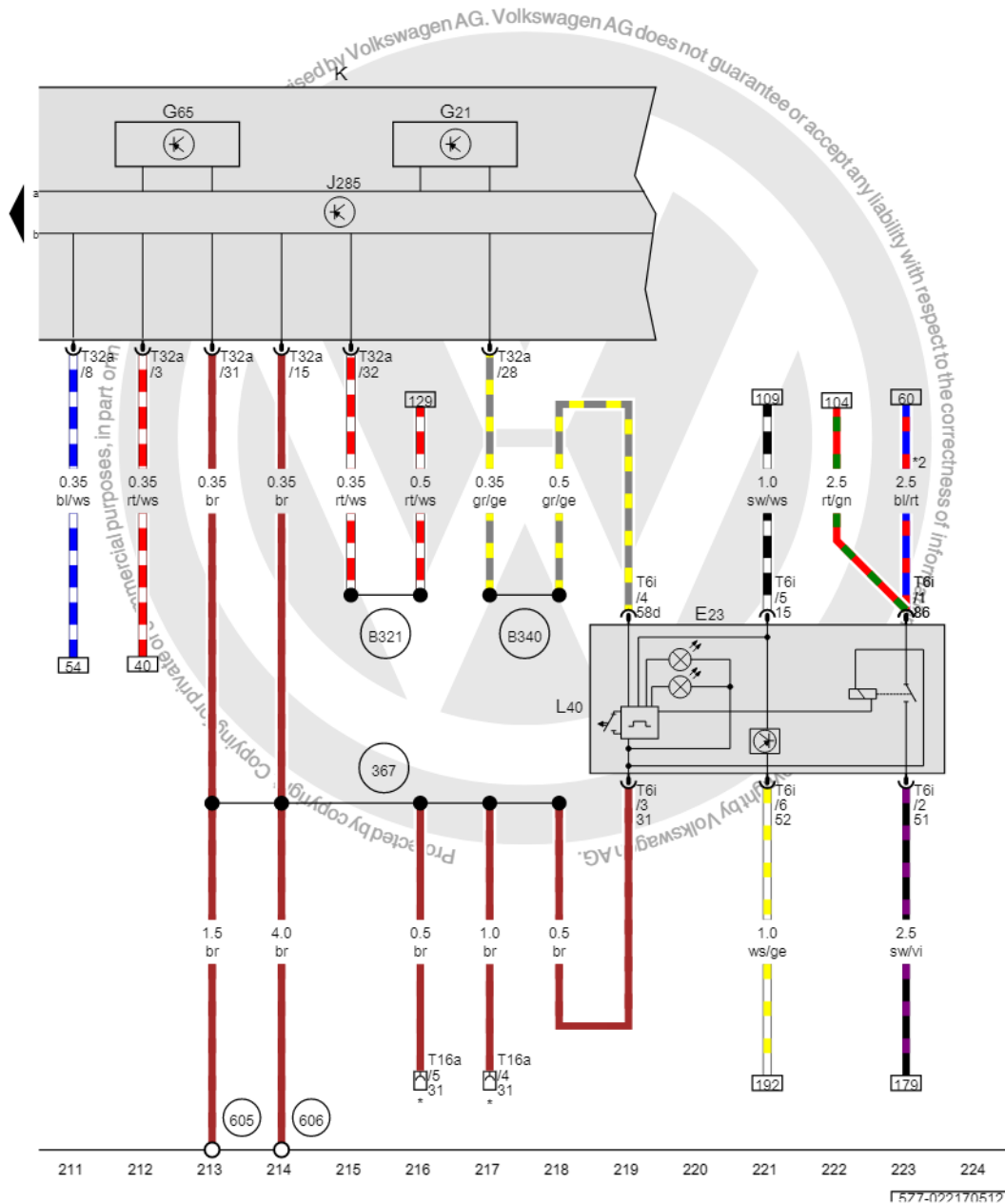
- ws = white
- sw = black
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- gr = grey
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- ge = yellow
- or = orange
- rs = pink

Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
- G21 Speedometer
- G65 High-pressure sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B321 Positive connection 7 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- \* Diagnostic connection
- \*2 Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



## Coming home/leaving home function without rain sensor

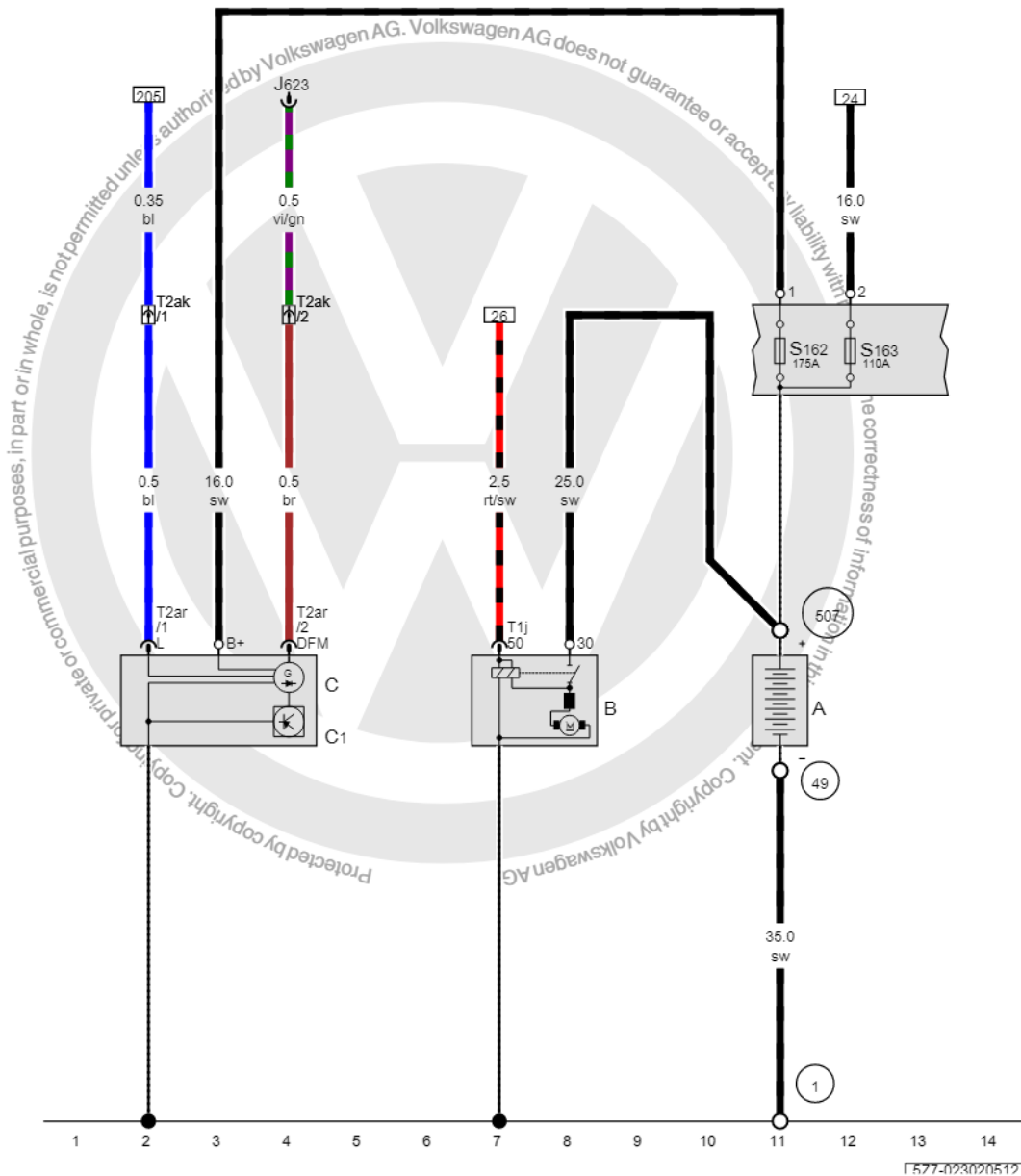
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

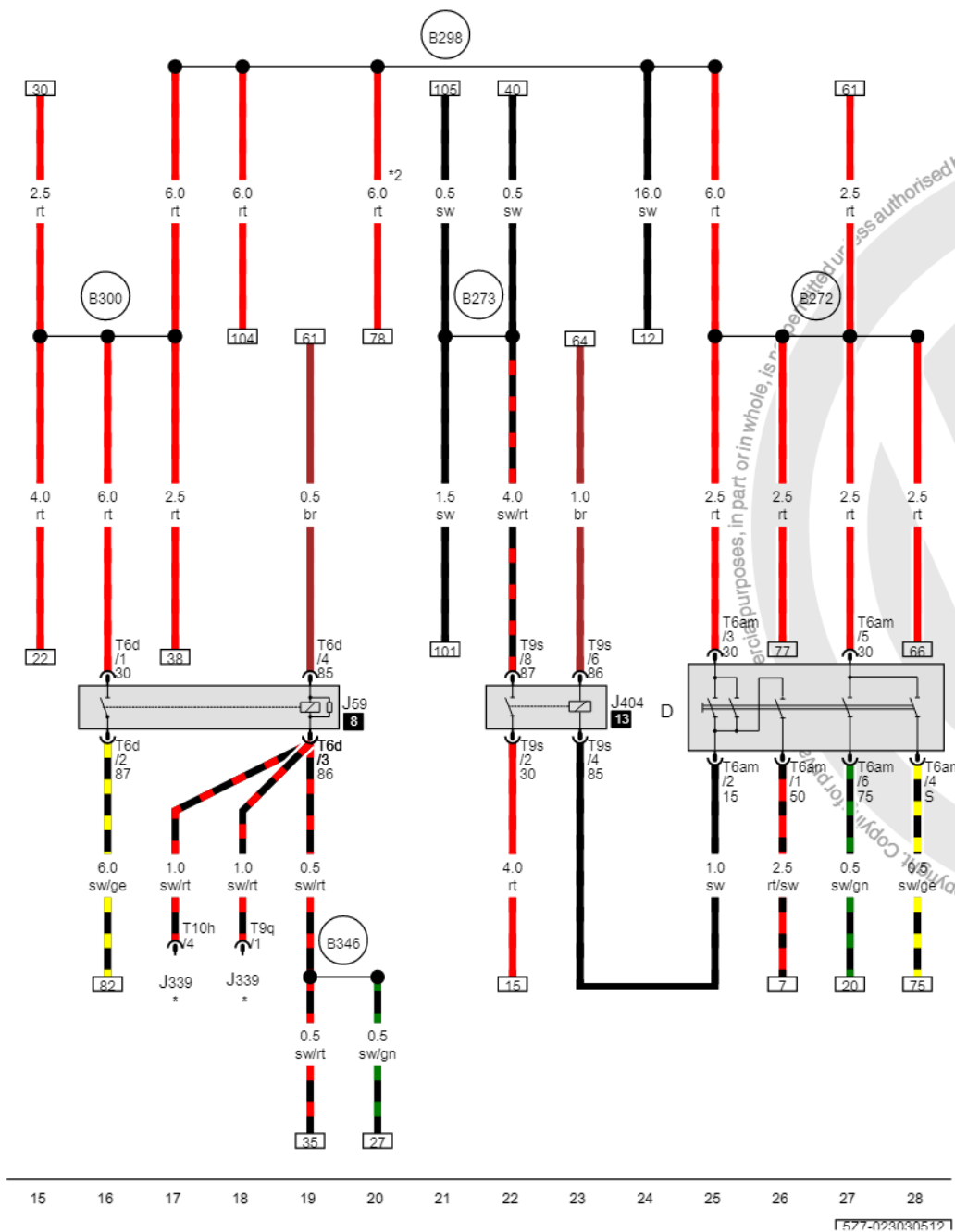


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J339 X contact relief relay 2
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9q 9-pin connector
- T9s 9-pin connector
- T10h 10-pin connector

- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness
- \* Only models with automated manual gearbox
- \*2 Only models with central locking



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1577-0220305121



Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T9I 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16d 16-pin connector

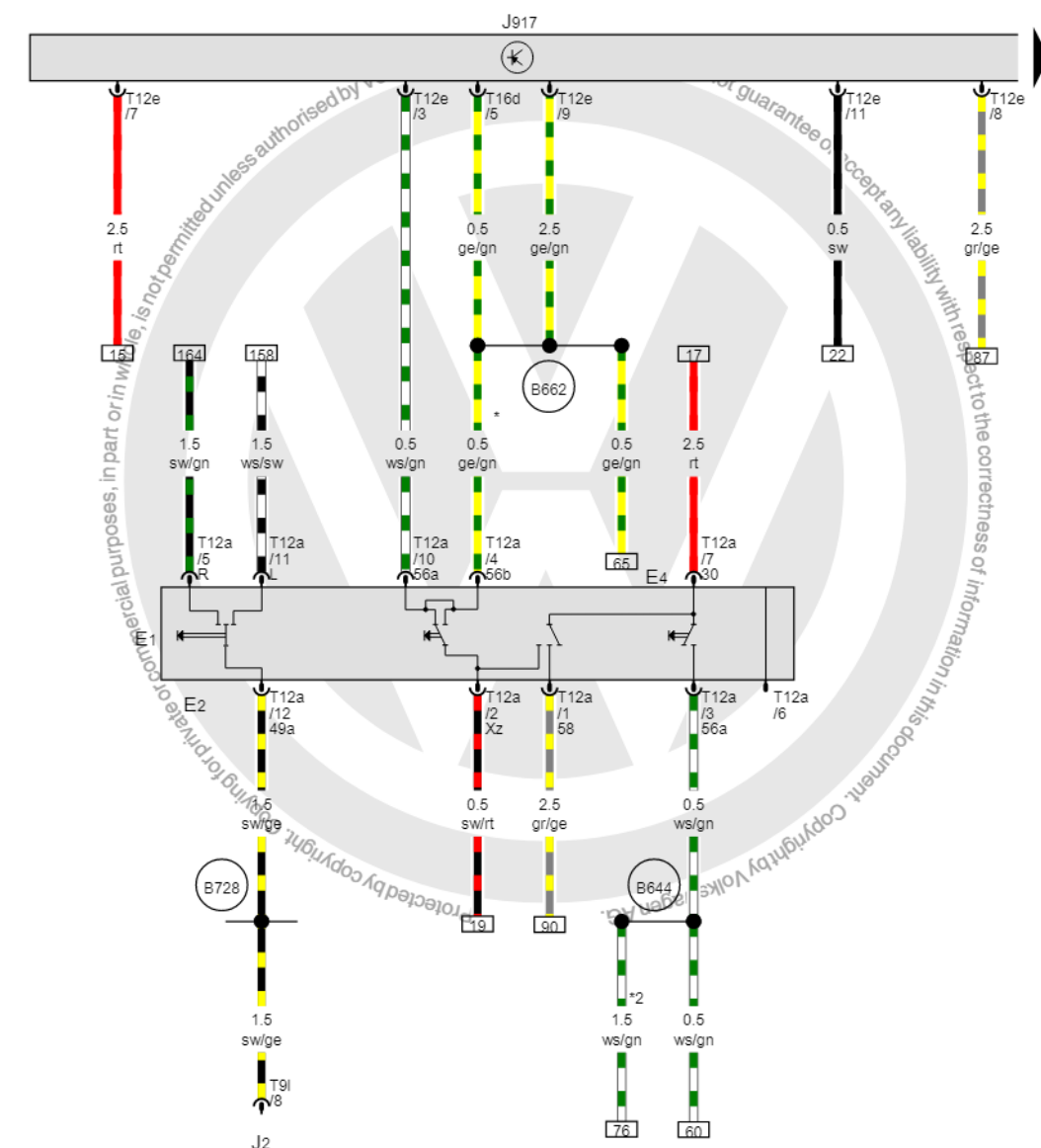
B644 Connection 3 (56a), in main wiring harness

B662 Connection 2 (56b), in main wiring harness

B728 Connection (49a), in main wiring harness

\* Only models with dual headlights

\*2 Only CROSS models



- ws = white
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- ge = yellow
- or = orange
- rs = pink

Control unit for lighting and wiper functions, Number plate light

J393	Convenience system central control unit
J917	Control unit for lighting and wiper functions
T2ax	2-pin connector
T2l	2-pin connector
T12b	12-pin connector
T12e	12-pin connector
T16a	16-pin connector
T16d	16-pin connector
X	Number plate light

(368) Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

(B465) Connection 1, in main wiring harness

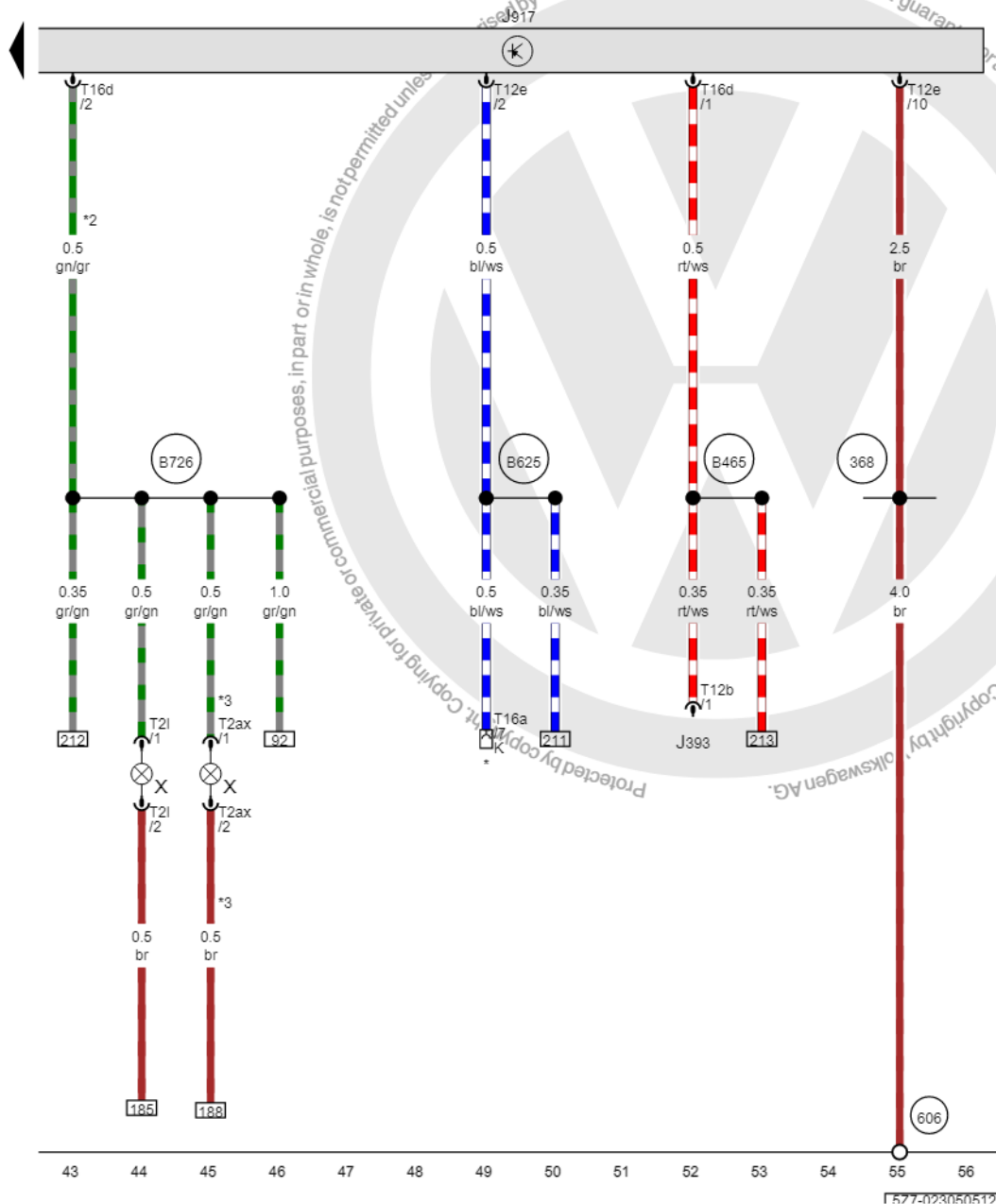
(B625) Connection (K-diagnosis wire), in main wiring harness

(B726) Positive connection 2 (58), in main wiring harness

\* Diagnostic connection

\*2 Only models with rain and light sensor

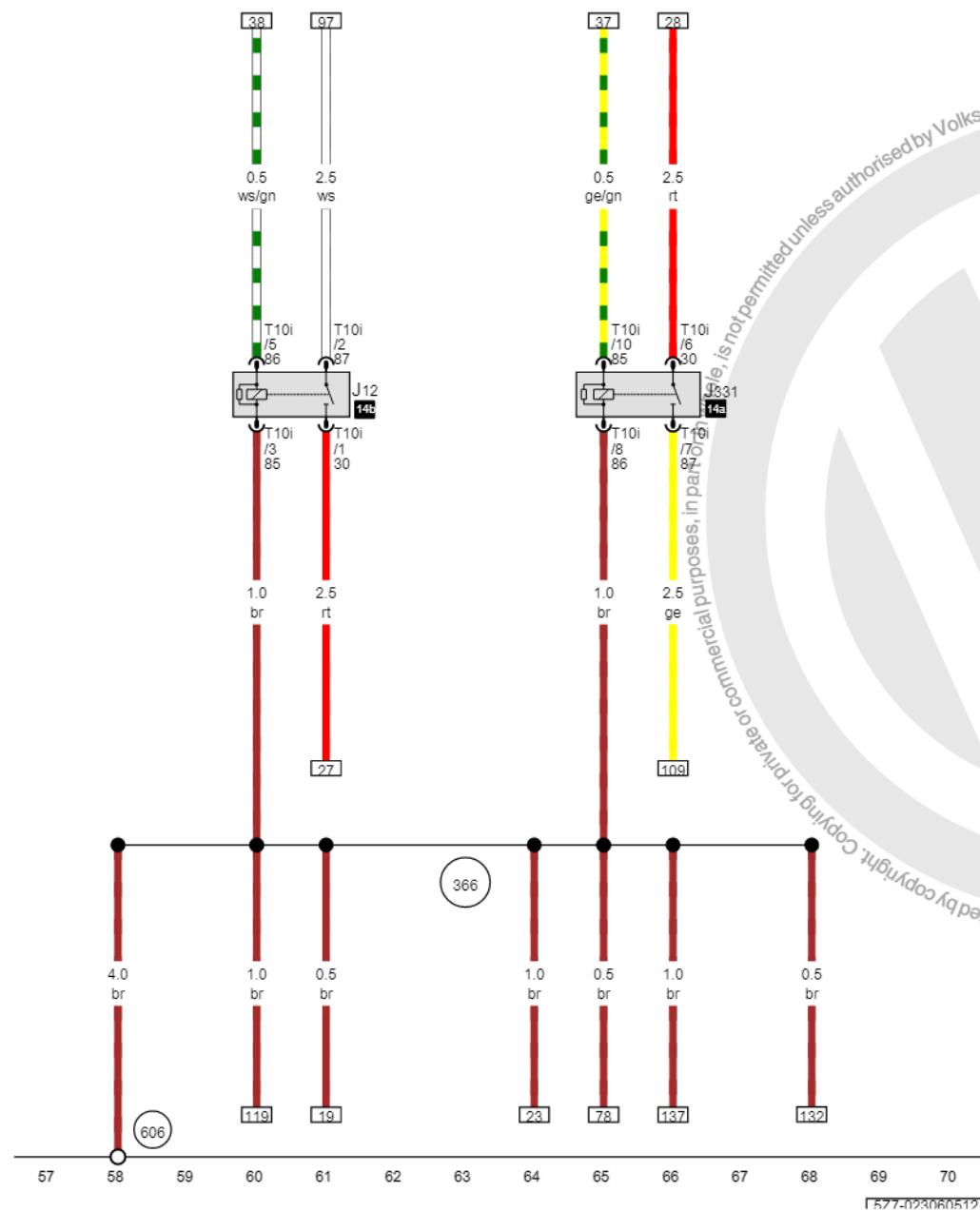
\*3 Only CROSS models



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Headlight main beam relay, Dipped beam relay

- J12 Headlight main beam relay
- J331 Dipped beam relay
- T10i 10-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick



Fog light relay, Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J5 Fog light relay
- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T9r 9-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor

B275 Positive connection (87), in main wiring harness

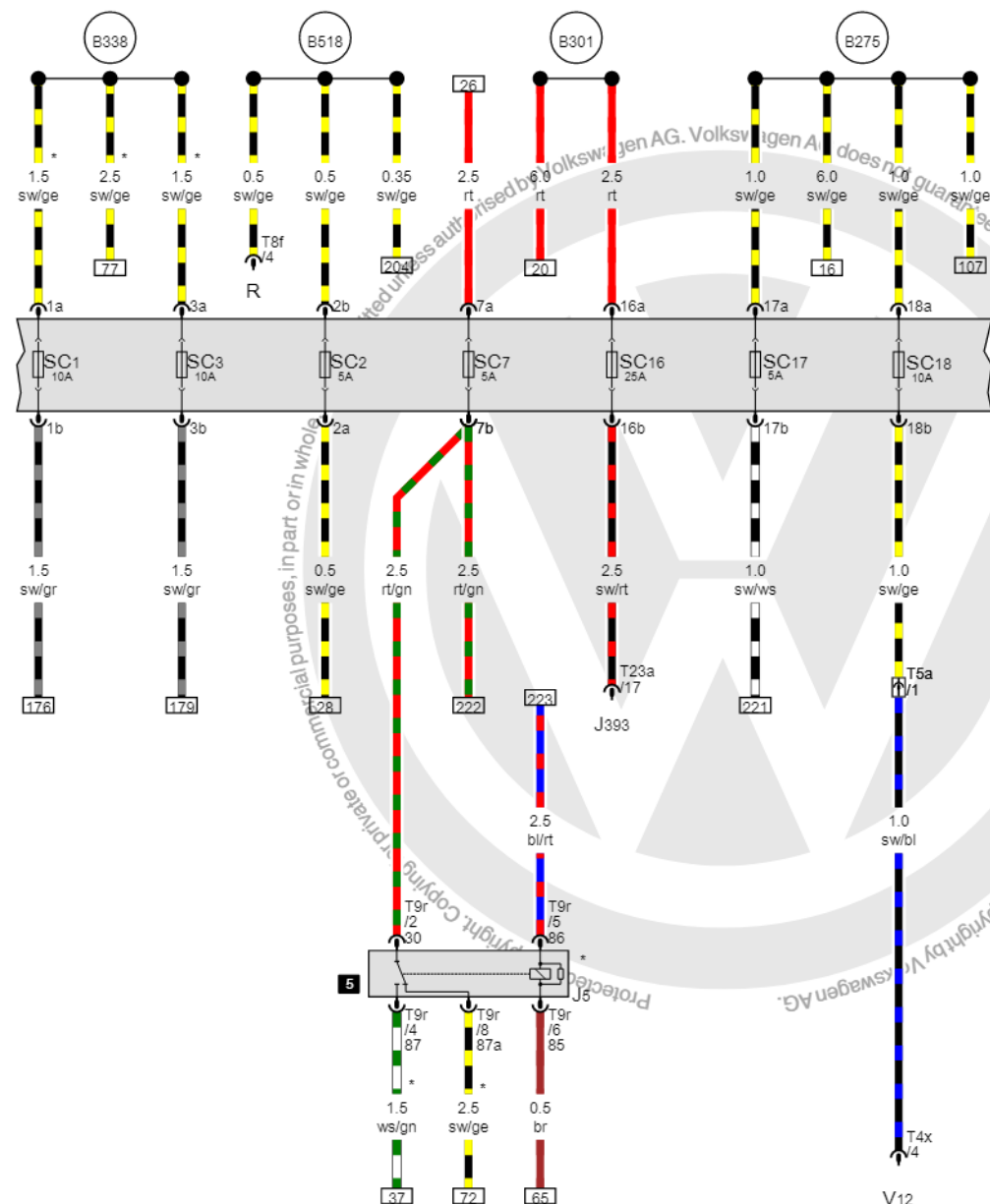
B301 Positive connection 5 (30), in main wiring harness

B338 Connection 1 (56), in main wiring harness

B518 Connection (86s), in main wiring harness

\* Only CROSS models

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71 72 73 74 75 76 77 78 79 80 81 82 83 84  
[577-023070512]

Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

SB31 Fuse 31 on fuse holder B  
SB32 Fuse 32 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB43 Fuse 43 on fuse holder B

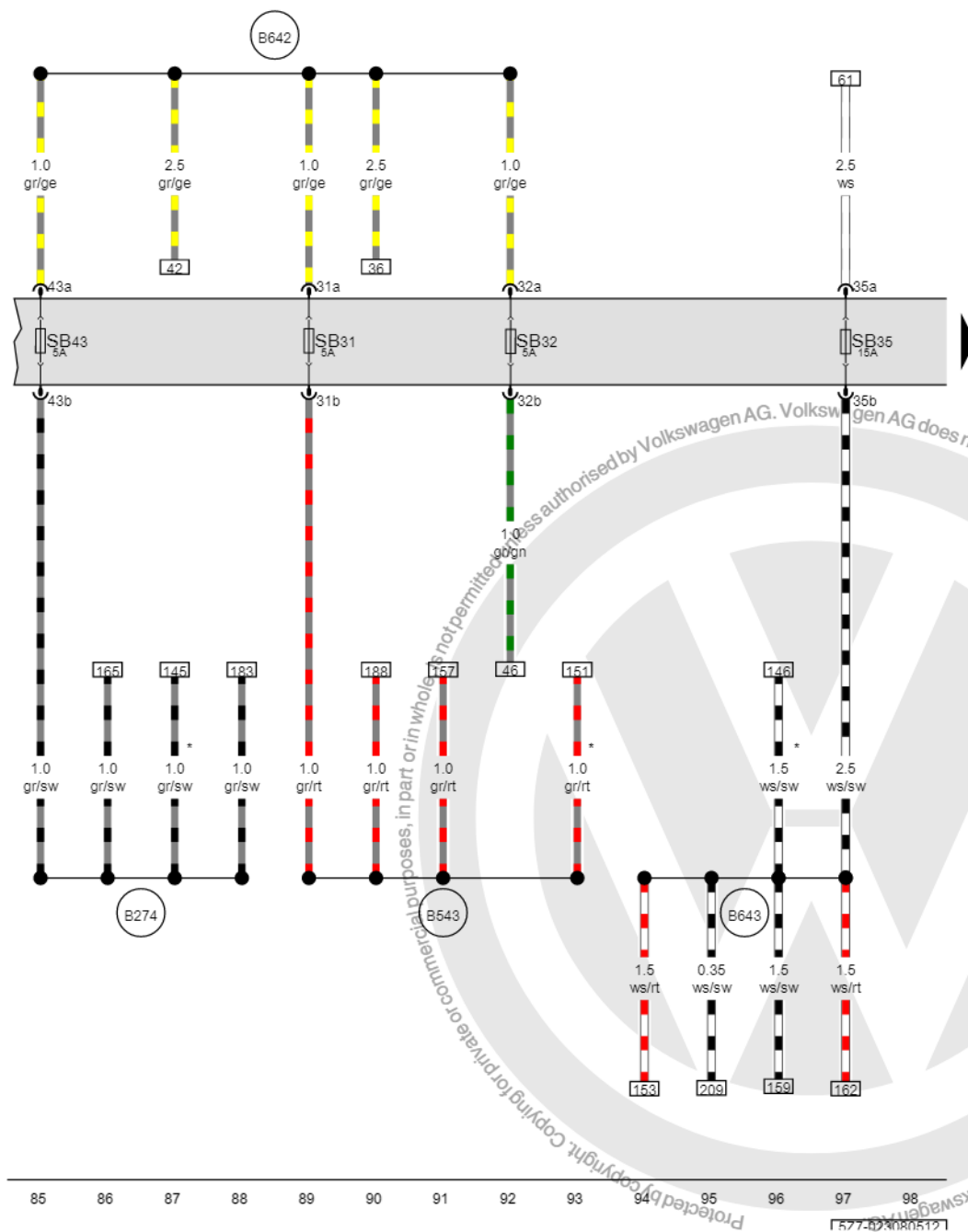
B274 Positive connection (58L), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B642 Positive connection (58), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

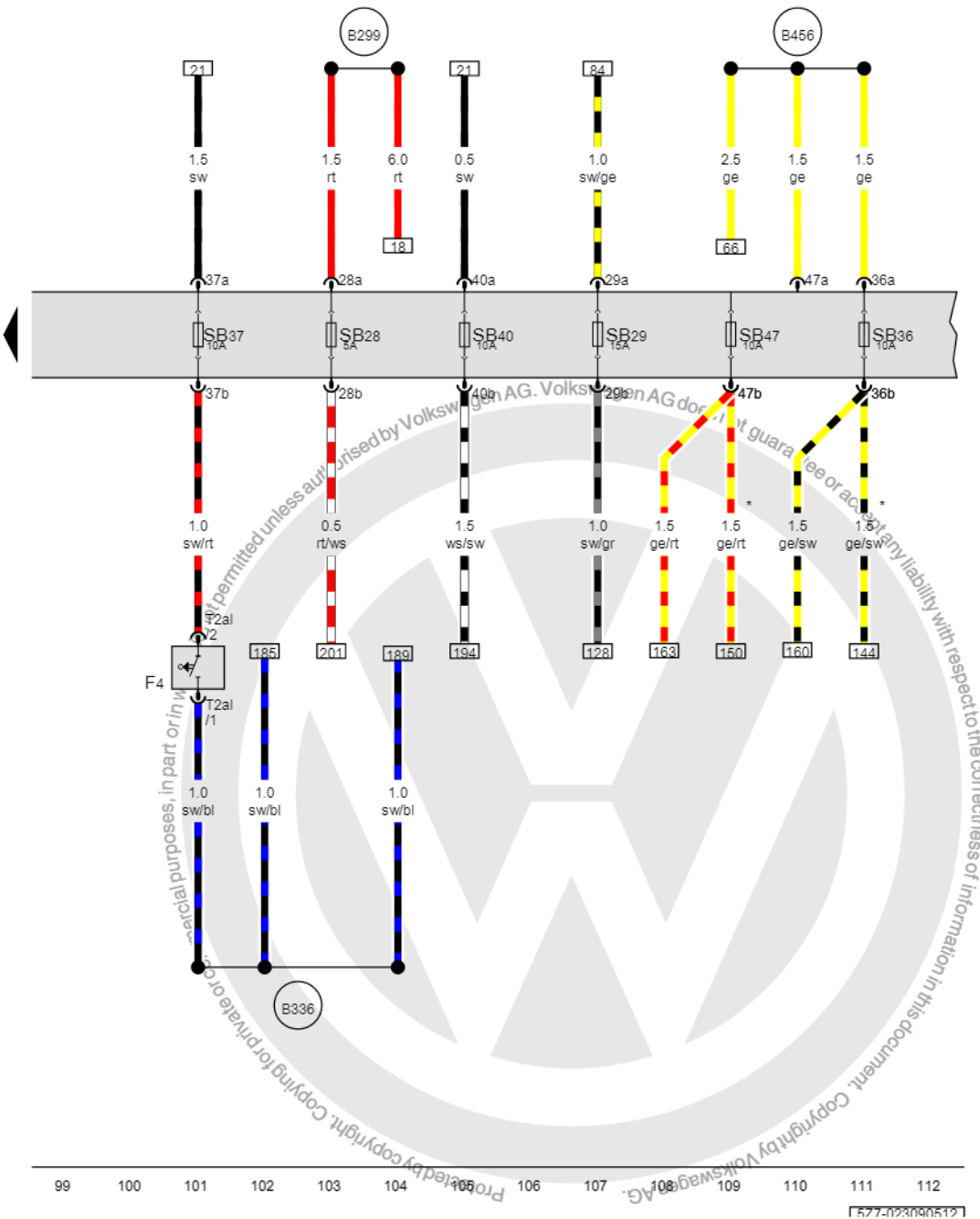
\* Only models with dual headlights



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gr = grey  
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or = orange  
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### Reversing light switch

- F4 Reversing light switch
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector
- B299 Positive connection 3 (30), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B456 Connection (56b), in main wiring harness
- \* Only models with dual headlights



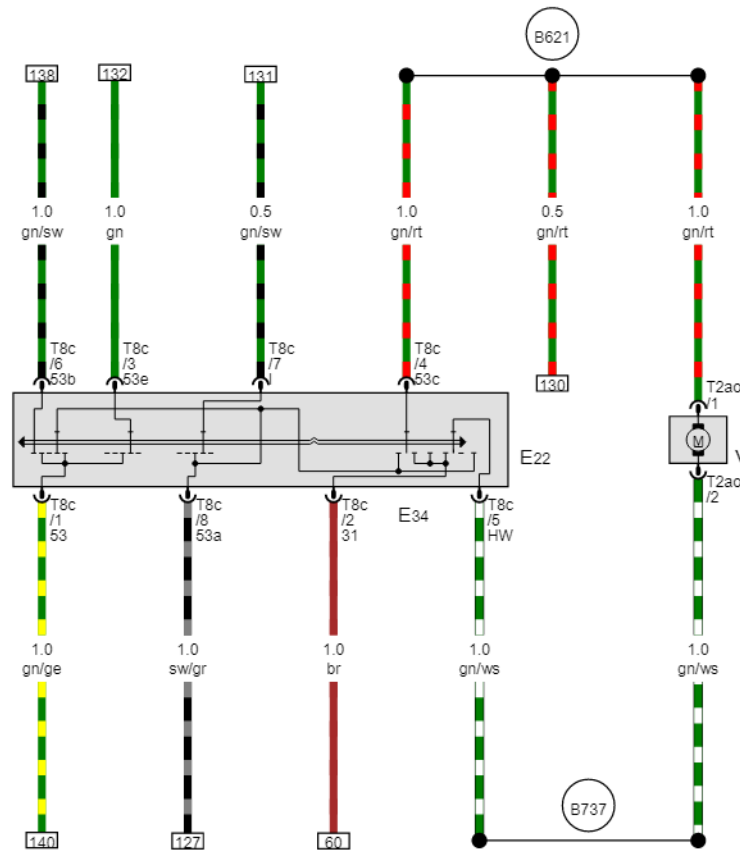
ws = white  
 sw = black  
 ro = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
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 or = orange  
 rs = pink

Intermittent wiper switch, Rear wiper switch, Windscreen and rear window washer pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- T2ao 2-pin connector
- T8c 8-pin connector
- V59 Windscreen and rear window washer pump

B621 Connection 1 (53c), in main wiring harness

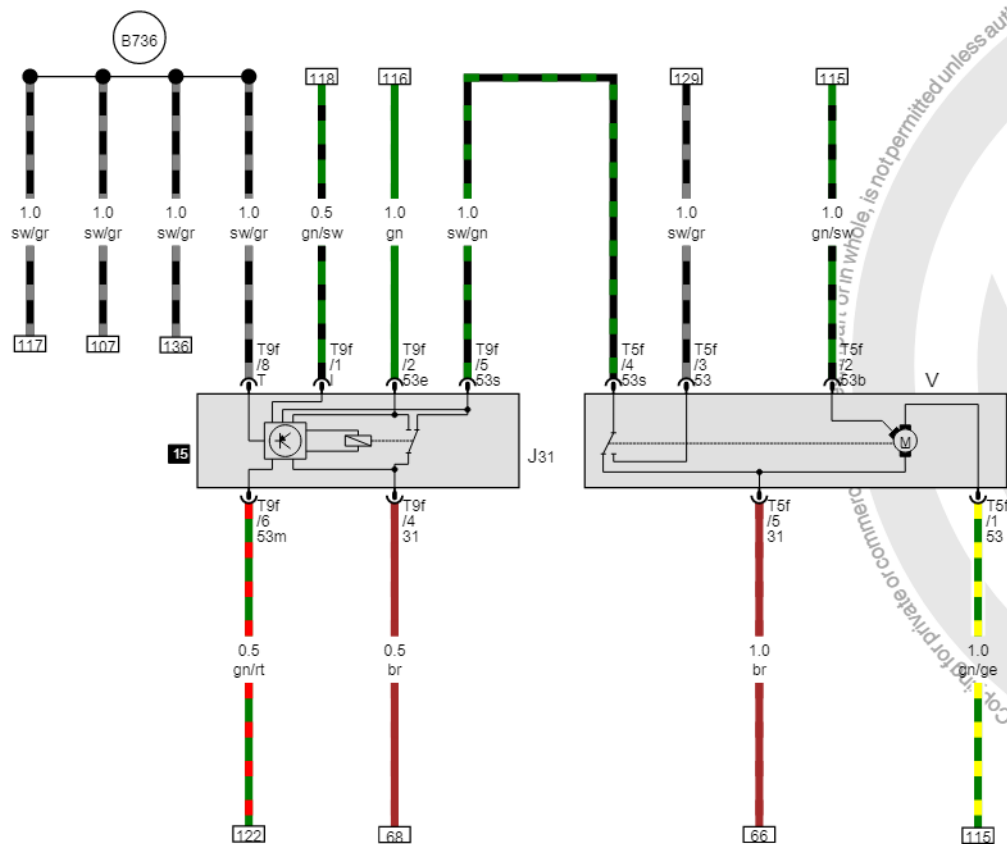
B737 Connection 2 (53c), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Automatic intermittent wash and wipe relay, Windscreen wiper motor

- J31 Automatic intermittent wash and wipe relay  
 T5f 5-pin connector  
 T9f 9-pin connector  
 V Windscreen wiper motor  
 B736 Positive connection (53a), in main wiring harness



- ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



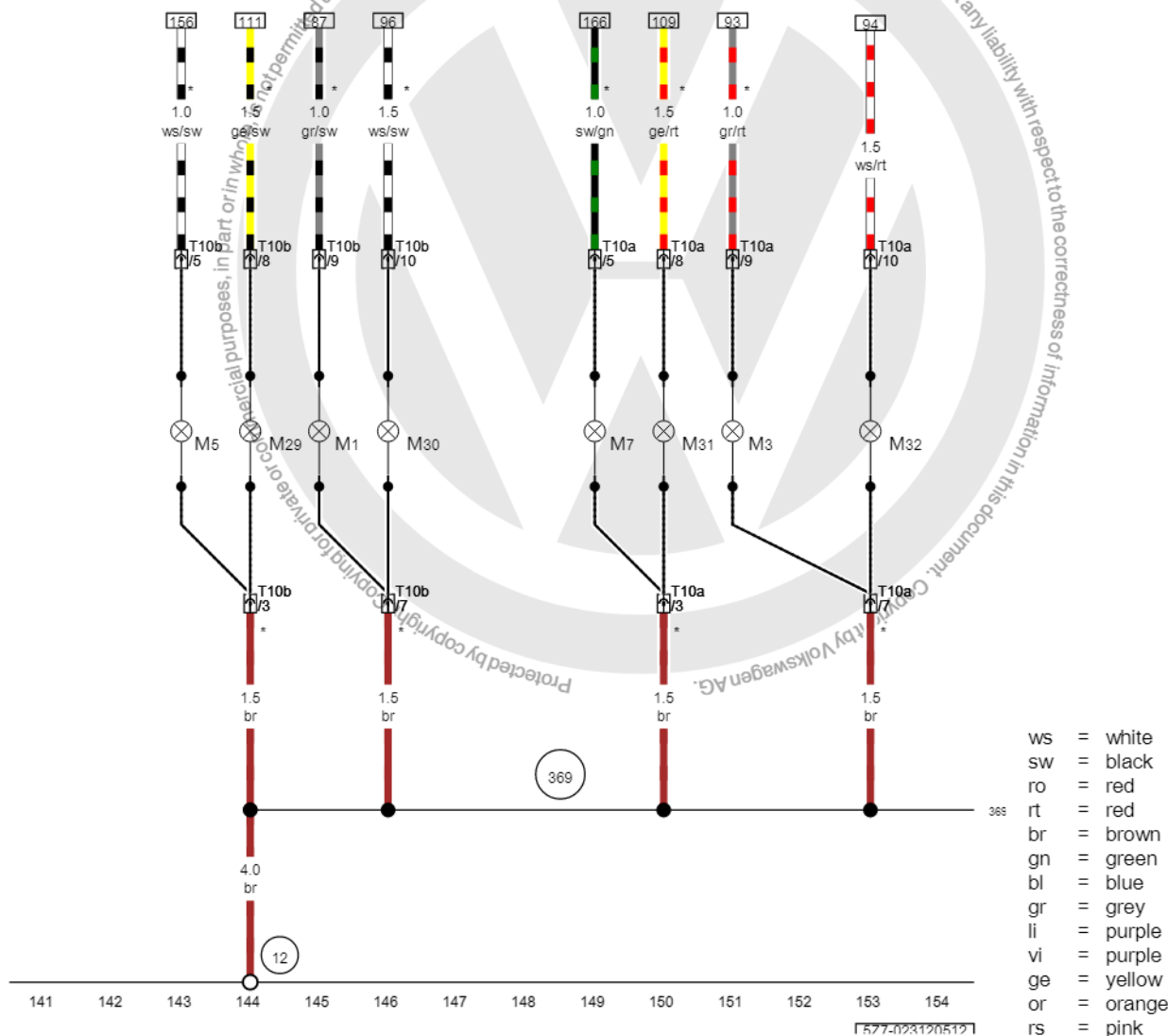
Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector

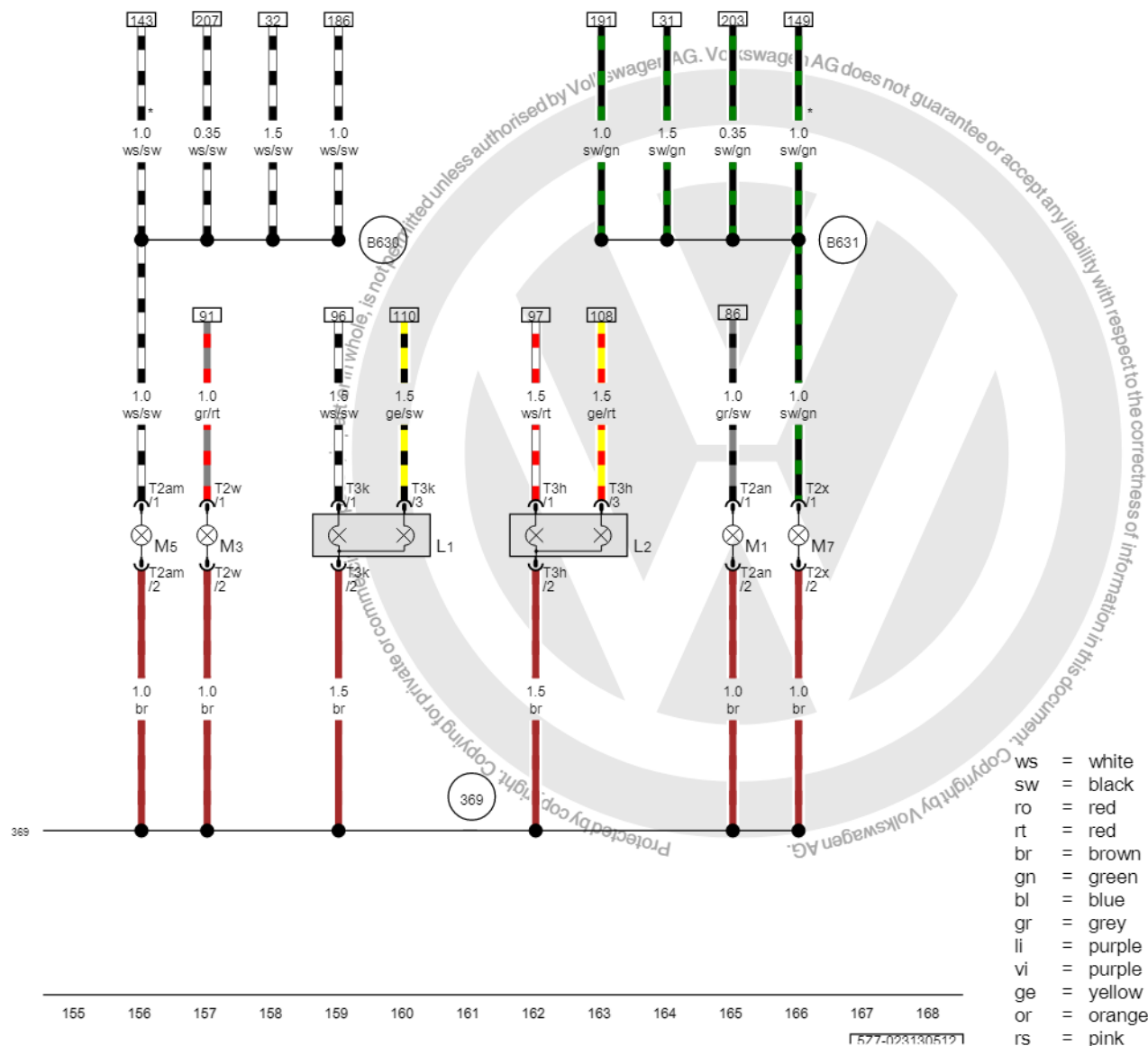
12 Earth point, on left in engine compartment

369 Earth connection 4, in main wiring harness

\* Only models with dual headlights



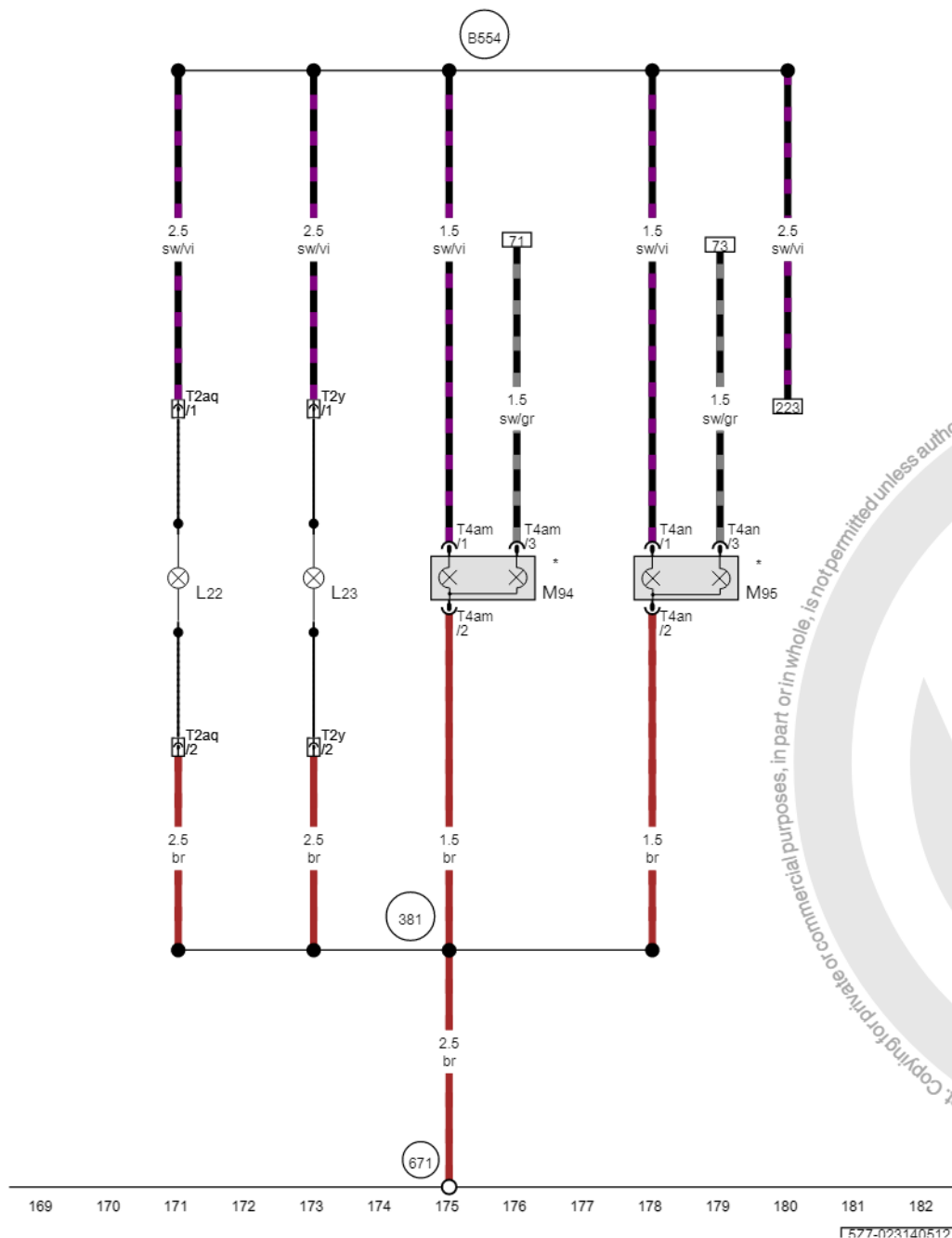
Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb



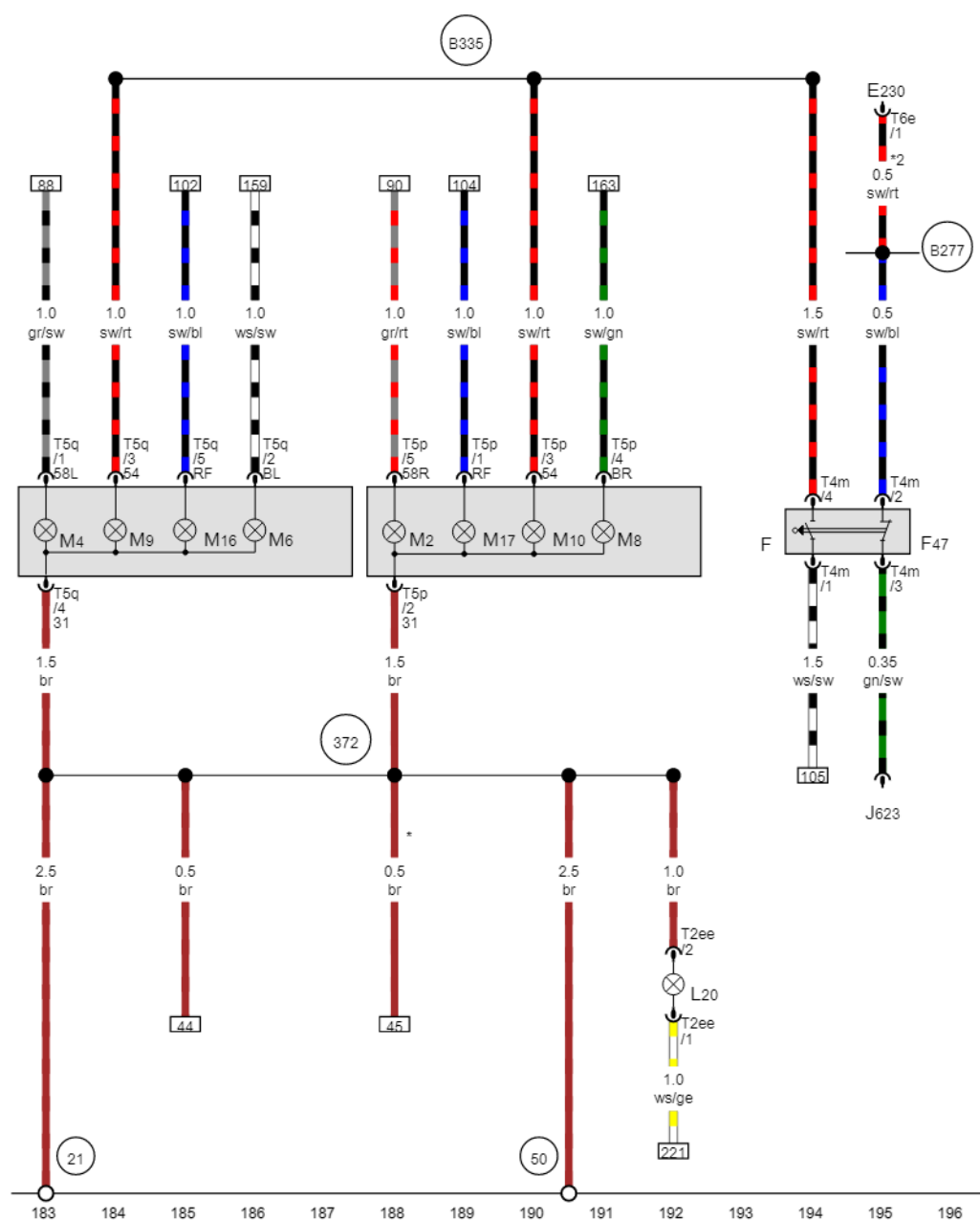
Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness
- \* Only CROSS models



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- bl = blue
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake light switch, Brake pedal switch, Rear fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

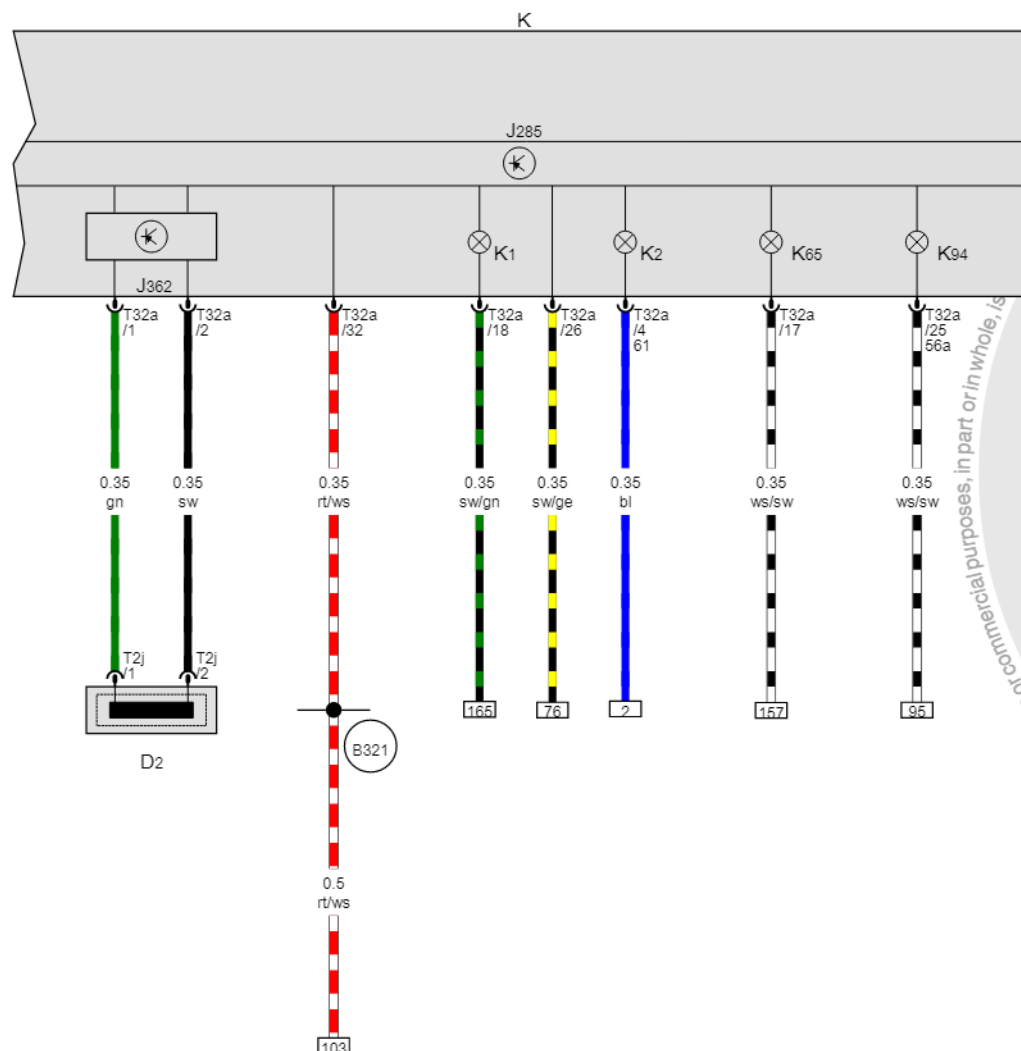
- |      |  |
|------|--|
| E230 | Heated rear window button                          |
| F    | Brake light switch                                 |
| F47  | Brake pedal switch                                 |
| J623 | Engine control unit                                |
| L20  | Rear fog light bulb                                |
| M2   | Right tail light bulb                              |
| M4   | Left tail light bulb                               |
| M6   | Rear left turn signal bulb                         |
| M8   | Rear right turn signal bulb                        |
| M9   | Left brake light bulb                              |
| M10  | Right brake light bulb                             |
| M16  | Left reversing light bulb                          |
| M17  | Right reversing light bulb                         |
| T2ee | 2-pin connector                                    |
| T4m  | 4-pin connector                                    |
| T5p  | 5-pin connector                                    |
| T5q  | 5-pin connector                                    |
| T6e  | 6-pin connector                                    |
| 21   | Earth point, near fuel pump                        |
| 50   | Earth point, on left in luggage compartment        |
| 372  | Earth connection 7, in main wiring harness         |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness          |
| *    | Only CROSS models                                  |
| *2   | Only models with rain and light sensor             |

ws = white  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

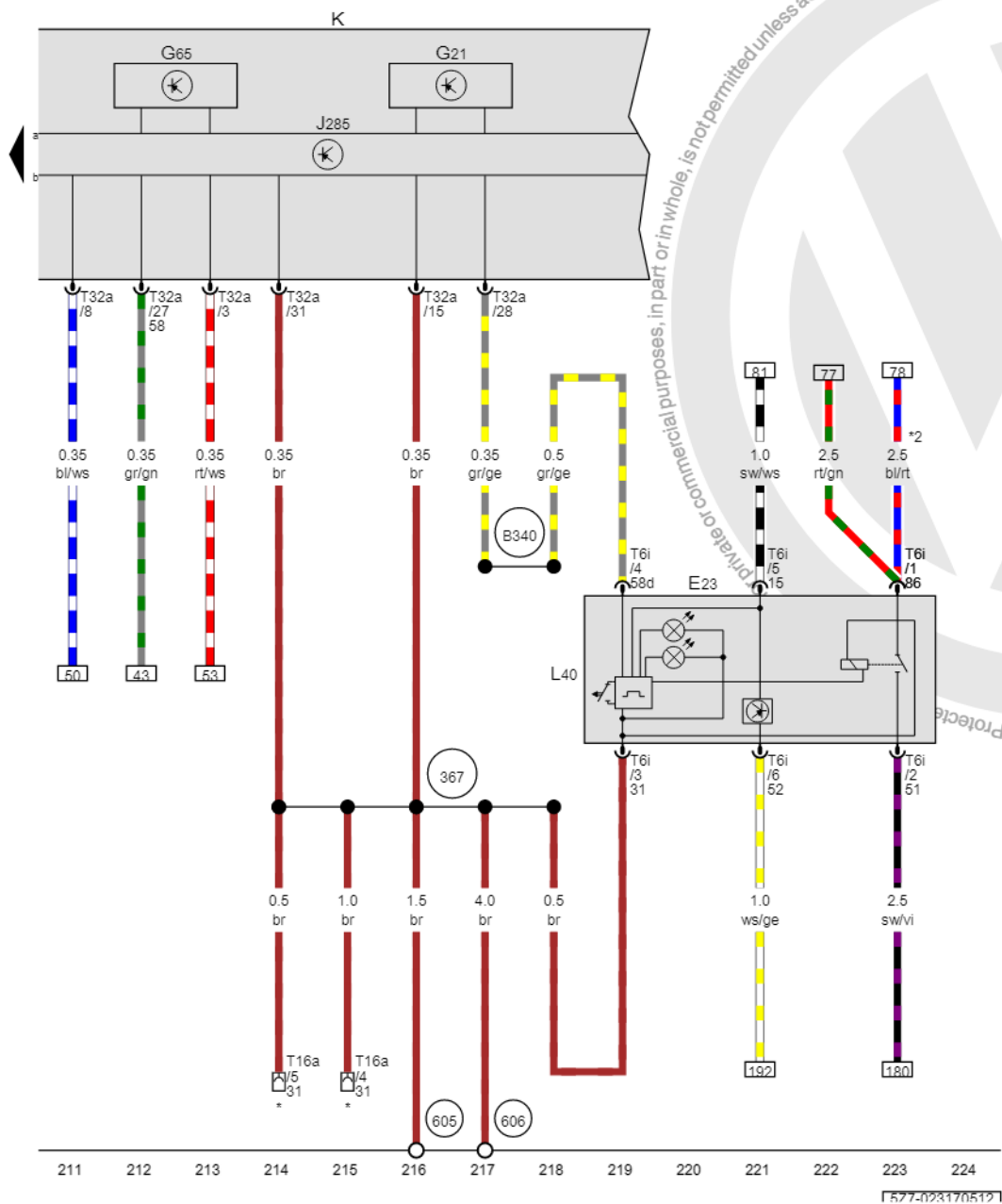
Immobiliser reader coil, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T2j 2-pin connector
- T32a 32-pin connector

B321 Positive connection 7 (30a) in main wiring harness



- ws = white
- sw = black
- ro = red
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- br = brown
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
- G21 Speedometer
- G65 High-pressure sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

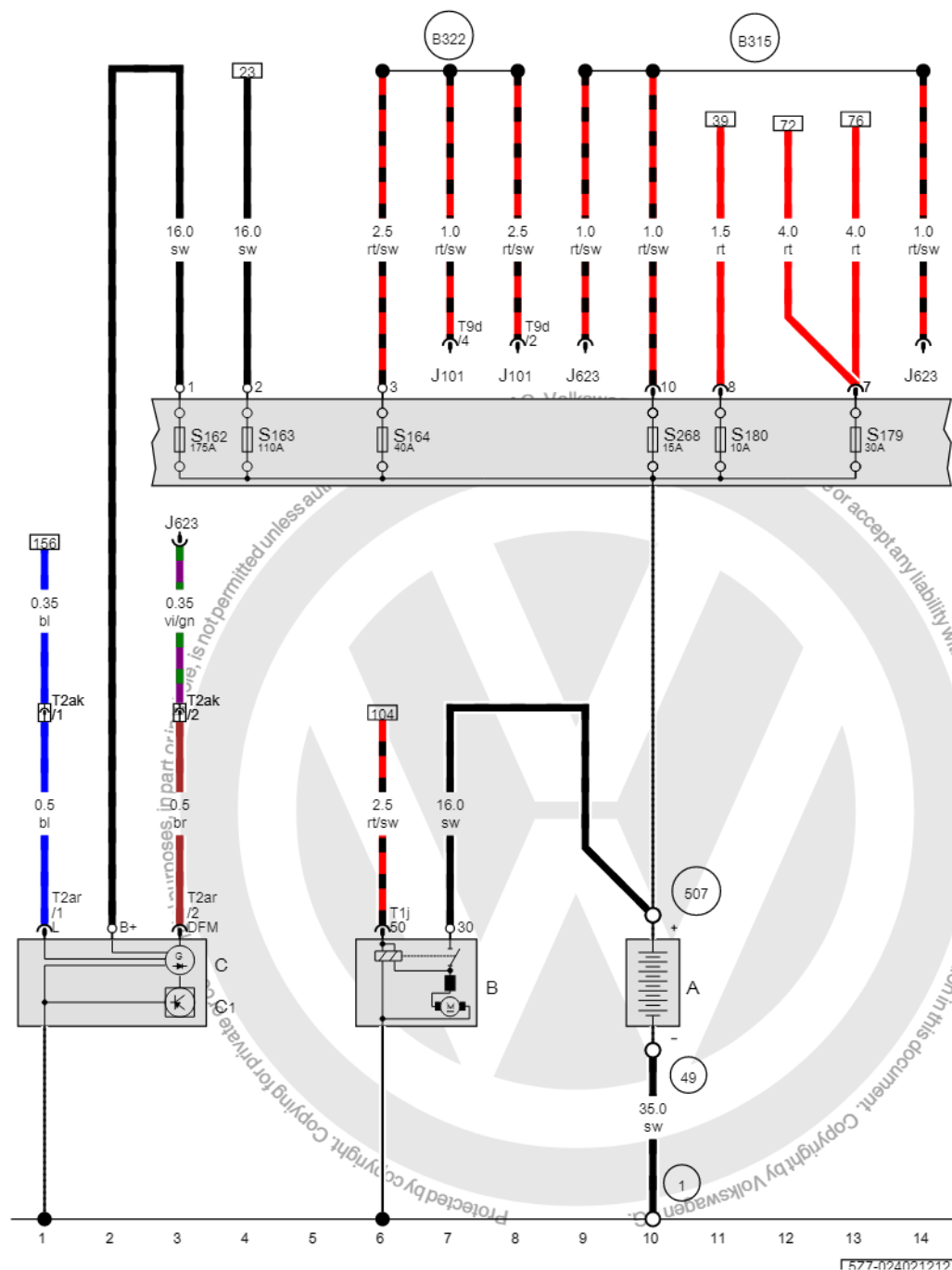
- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- \* Diagnostic connection
- \*2 Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Automated manual gearbox

From April 2012





Battery, Starter, Alternator, Voltage regulator

- |      |  |
|------|--|
| A    | Battery  |
| B    | Starter  |
| C    | Alternator   |
| C1   | Voltage regulator                                  |
| J101 | Radiator fan 2nd speed relay                       |
| J623 | Engine control unit                                |
| S162 | Fuse 1 (30), in battery fuse holder                |
| S163 | Fuse 2 (30), in battery fuse holder                |
| S164 | Fuse 3 (30), in battery fuse holder                |
| S179 | Fuse 7 (30), in battery fuse holder                |
| S180 | Fuse 8 (30), in battery fuse holder                |
| S268 | Fuse 10 (30), in battery fuse holder               |
| T1j  | Single connector                                   |
| T2ak | 2-pin connector, in engine compartment             |
| T2ar | 2-pin connector                                    |
| T9d  | 9-pin connector                                    |
| 1    | Earth strap, battery - body                        |
| 49   | Earth point, near ..., near battery                |
| 507  | Threaded connection (30), on battery fuse holder   |
| B315 | Positive connection 1 (30a) in main wiring harness |
| B322 | Positive connection 8 (30a) in main wiring harness |

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

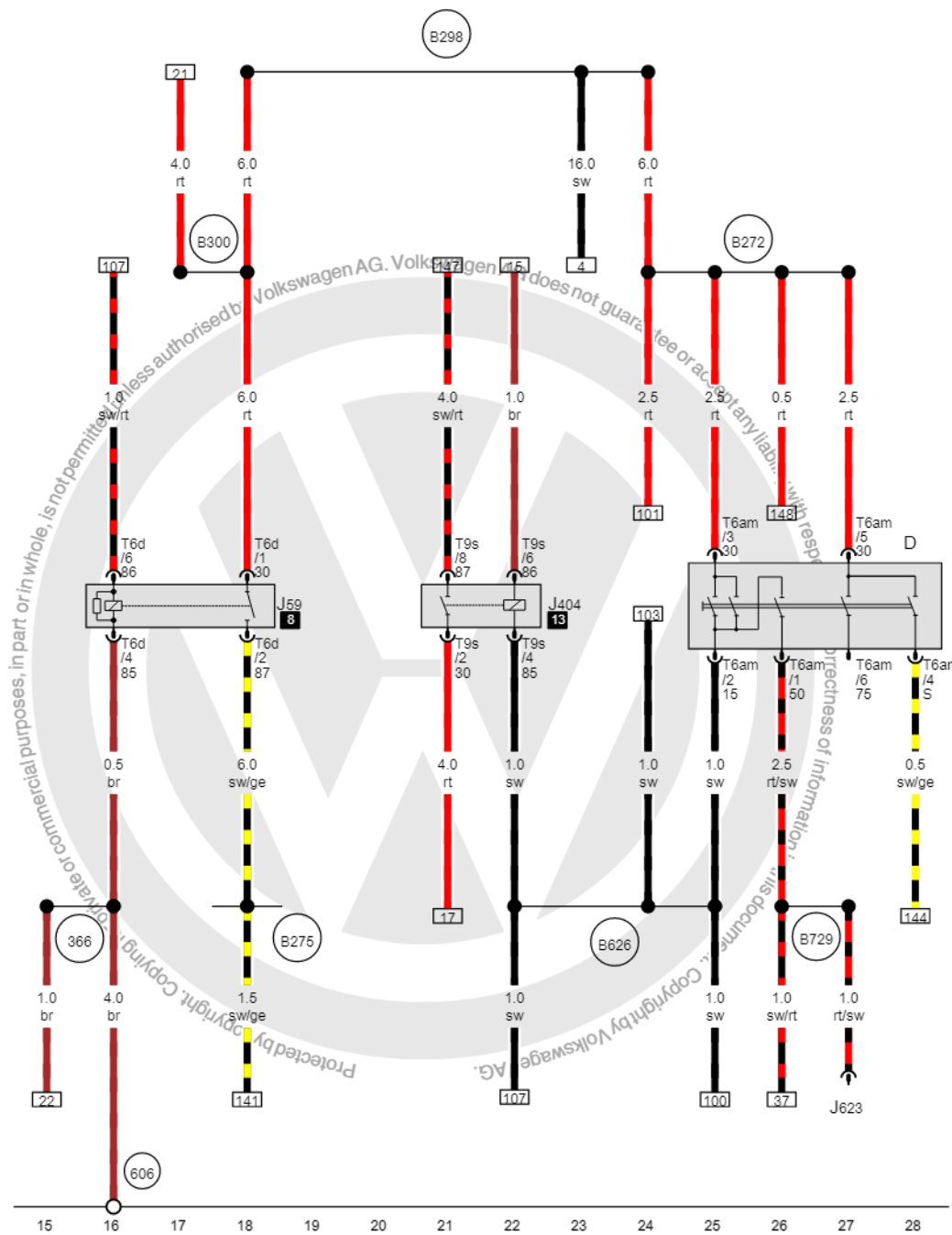


Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

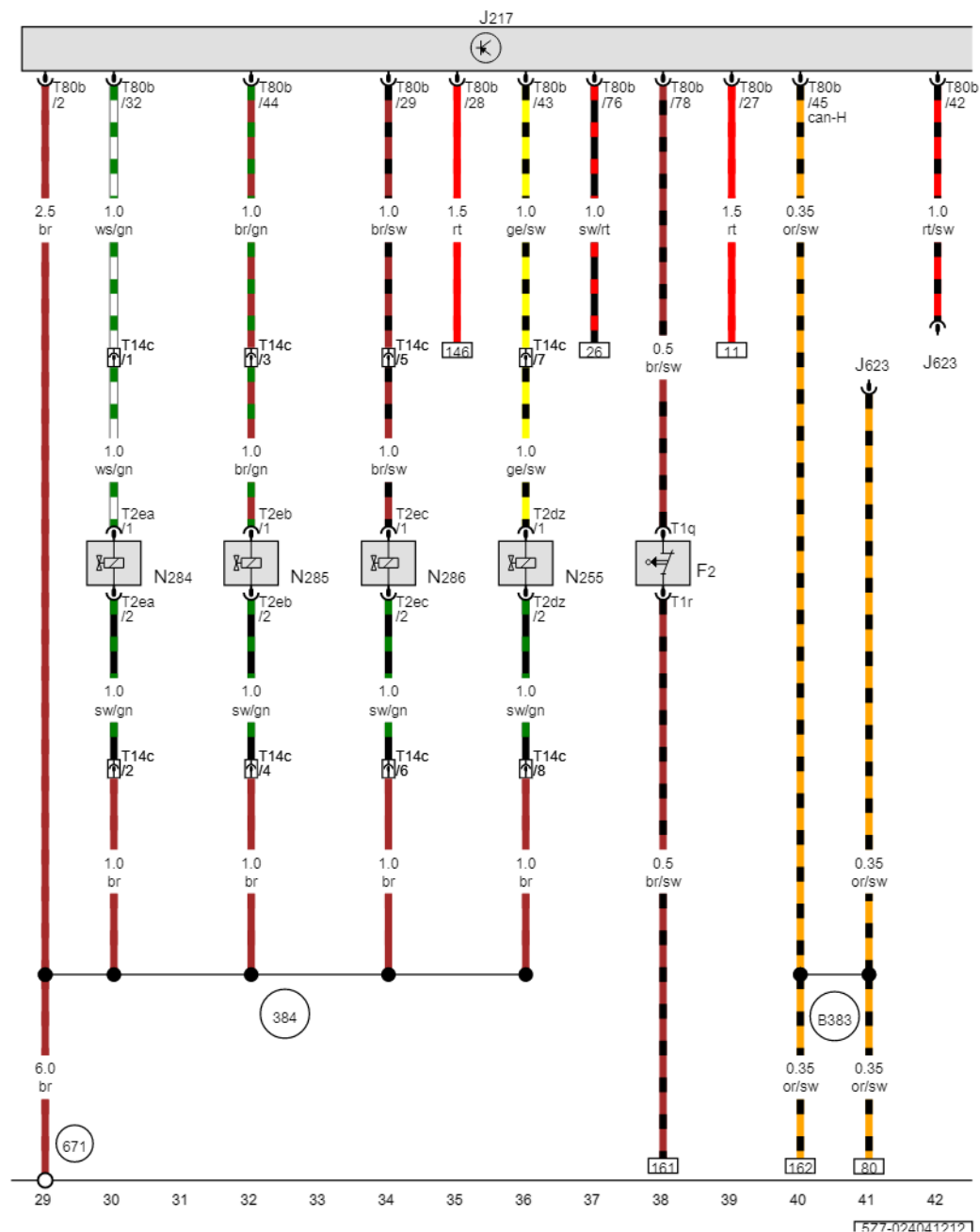
- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J623 Engine control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



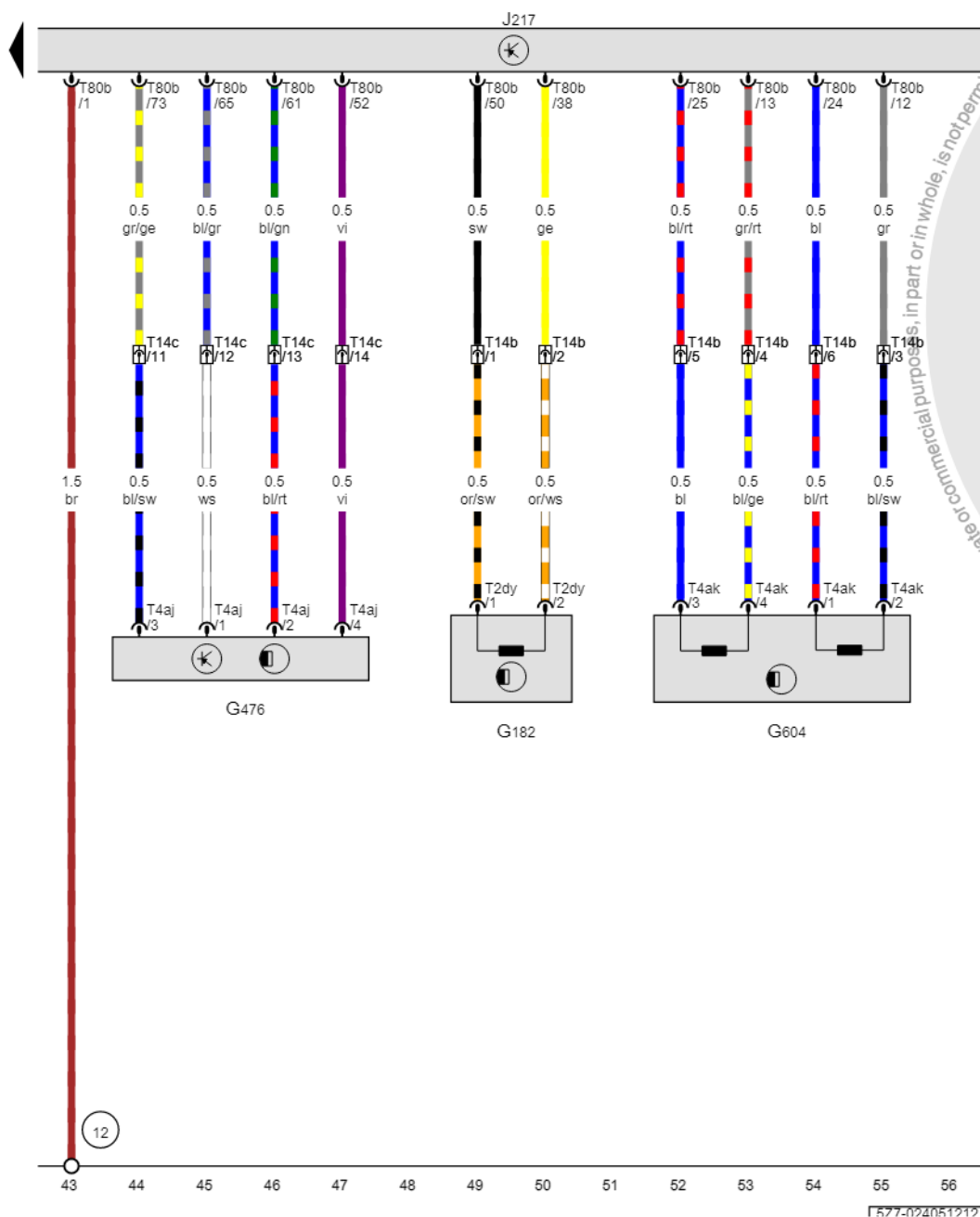
Driver door contact switch, Automatic gearbox control unit, Clutch actuator valve, Selector lever valve 1, Selector lever valve 2, Selector lever valve 3



- F2 Driver door contact switch
- J217 Automatic gearbox control unit
- J623 Engine control unit
- N255 Clutch actuator valve
- N284 Selector lever valve 1
- N285 Selector lever valve 2
- N286 Selector lever valve 3
- T1q Single connector
- T1r Single connector
- T2dz 2-pin connector
- T2ea 2-pin connector
- T2eb 2-pin connector
- T2ec 2-pin connector
- T14c 14-pin connector, under cover for selector mechanism
- T80b 80-pin connector

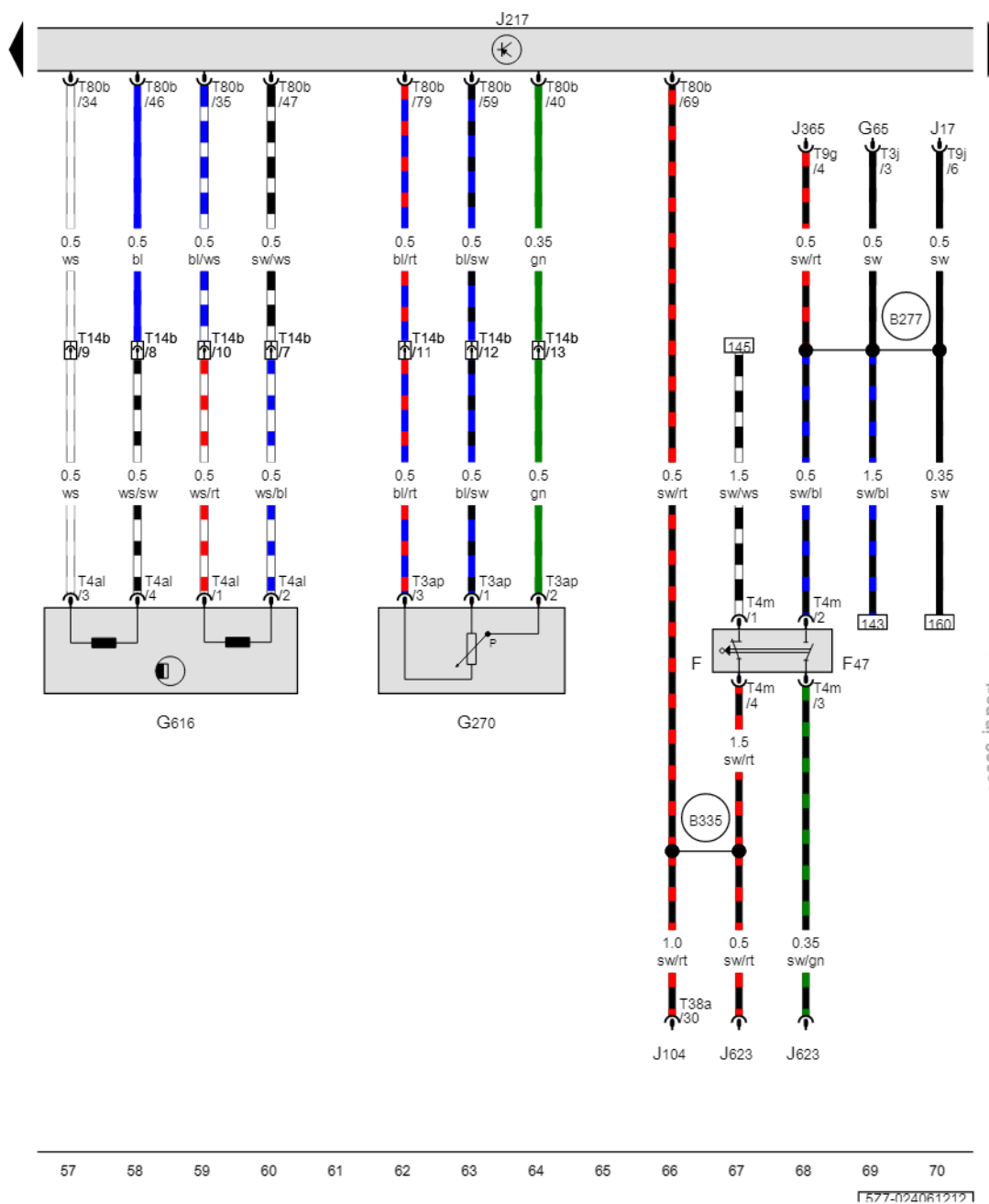
- 384 Earth connection 19, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = violet
- ge = yellow
- or = orange
- rs = pink



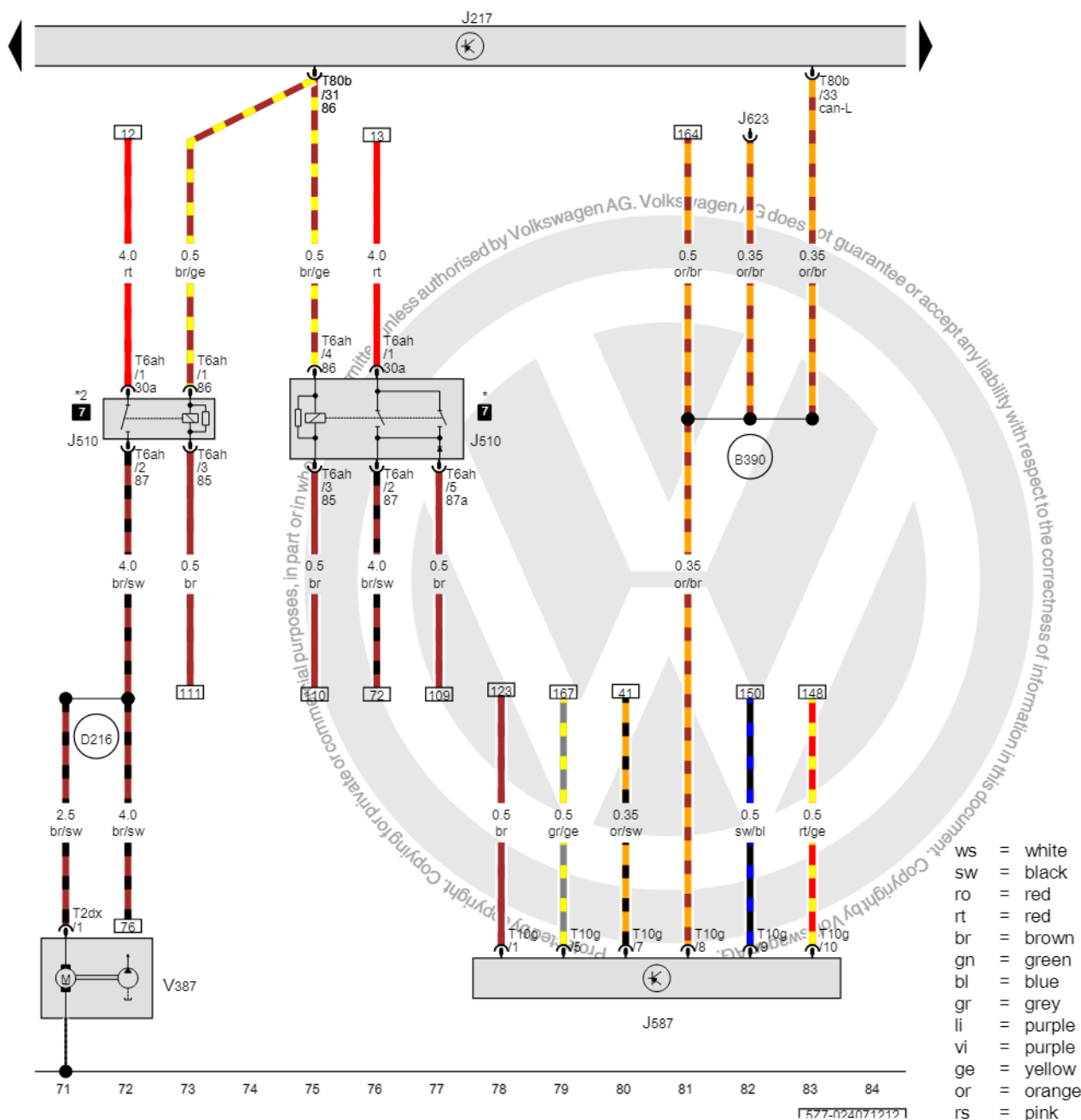
Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit

- G182 Gearbox input speed sender
- G476 Clutch position sender
- G604 Gear detection sensor
- J217 Automatic gearbox control unit
- T2dy 2-pin connector
- T4aj 4-pin connector
- T4ak 4-pin connector
- T14b 14-pin connector, under cover for selector mechanism
- T14c 14-pin connector, under cover for selector mechanism
- T80b 80-pin connector
- 12 Earth point, on left in engine compartment



Brake light switch, Brake pedal switch, Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

- F Brake light switch
- F47 Brake pedal switch
- G65 High-pressure sender
- G270 Gearbox hydraulic pressure sender
- G616 Sensor 2 for gear detection
- J17 Fuel pump relay
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3ap 3-pin connector
- T3j 3-pin connector
- T4al 4-pin connector
- T4m 4-pin connector
- T9g 9-pin connector
- T9j 9-pin connector
- T14b 14-pin connector, under cover for selector mechanism
- T38a 38-pin connector
- T80b 80-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness



Automatic gearbox control unit, Gearbox hydraulic pump relay, Selector lever sensors control unit, Hydraulic pump for gearbox

J217 Automatic gearbox control unit

J510 Gearbox hydraulic pump relay

J587 Selector lever sensors control unit

J623 Engine control unit

T2dx 2-pin connector

T6ah 6-pin connector

T10g 10-pin connector

T80b 80-pin connector

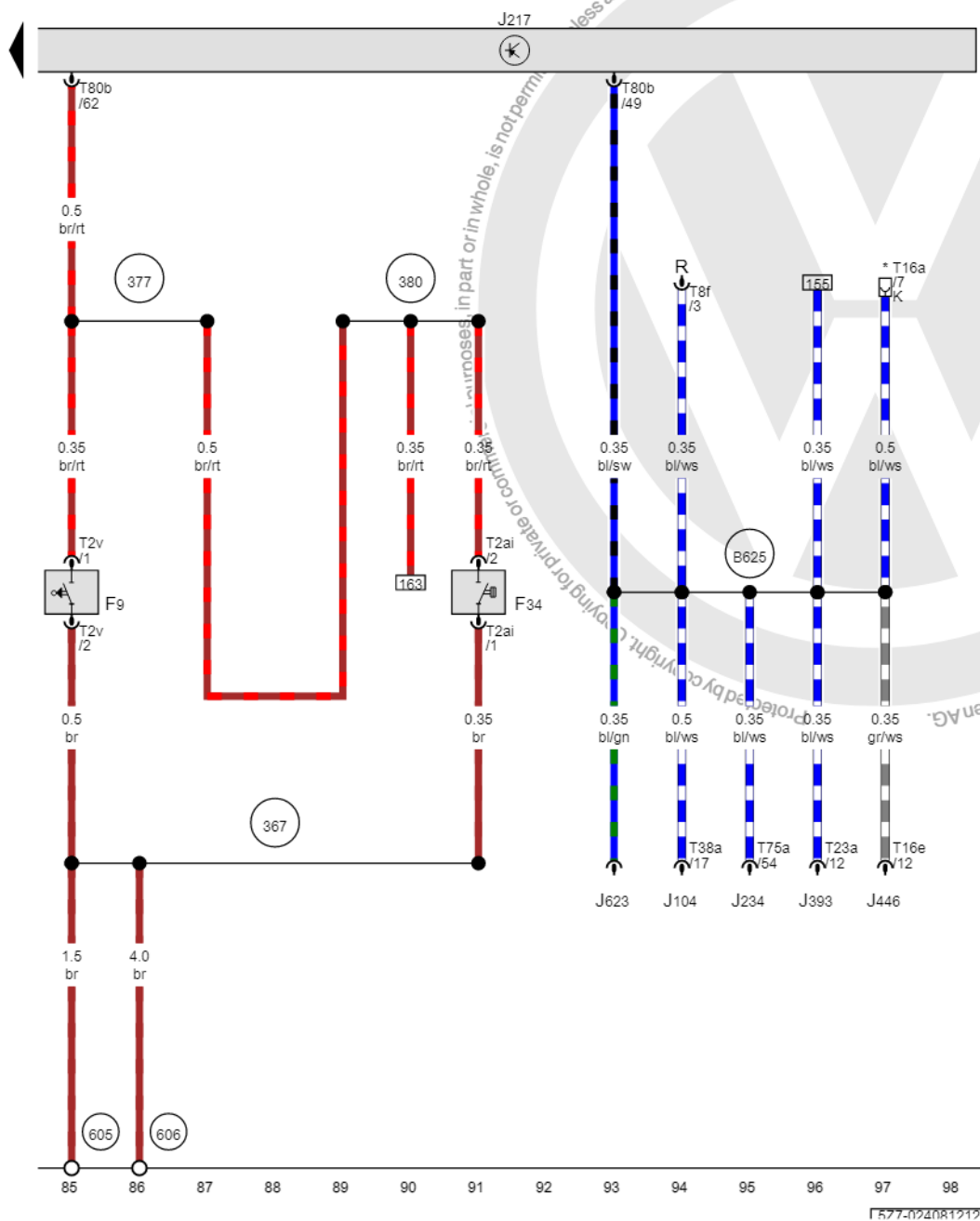
V387 Hydraulic pump for gearbox

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

D216 Connection (hydraulic pump warning lamp), in main wiring harness

\* Up to November 2012

\*2 From November 2012



Handbrake warning switch, Brake fluid level warning contact, Automatic gearbox control unit

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T2ai 2-pin connector
- T2v 2-pin connector
- T8f 8-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80b 80-pin connector

- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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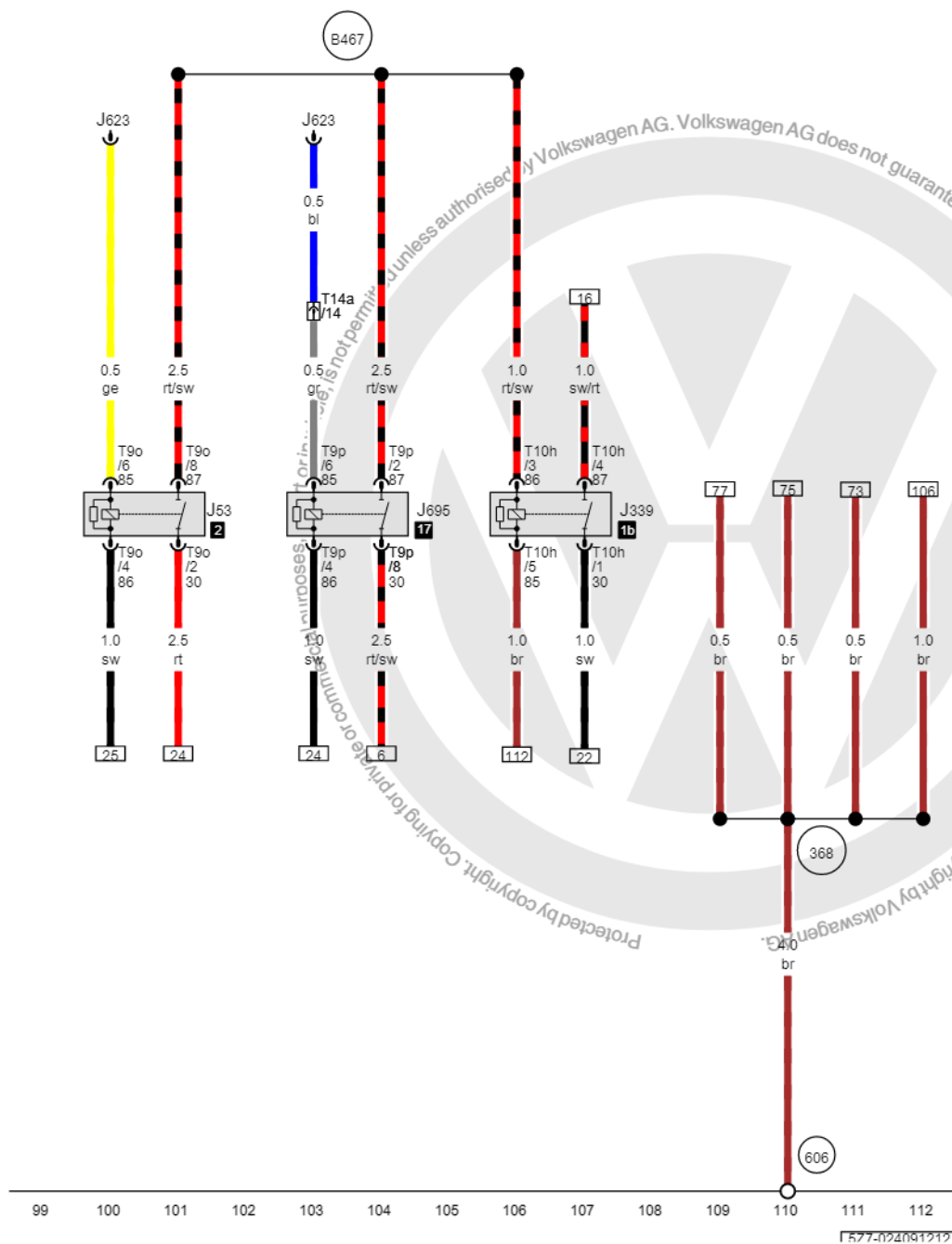
Starter motor relay, X contact relief relay 2, Starter motor relay 2

J53 Starter motor relay  
J339 X contact relief relay 2  
J623 Engine control unit  
J695 Starter motor relay 2  
T9o 9-pin connector  
T9p 9-pin connector  
T10h 10-pin connector  
T14a 14-pin connector, on left in engine compartment

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B467 Connection 3, in main wiring harness





Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

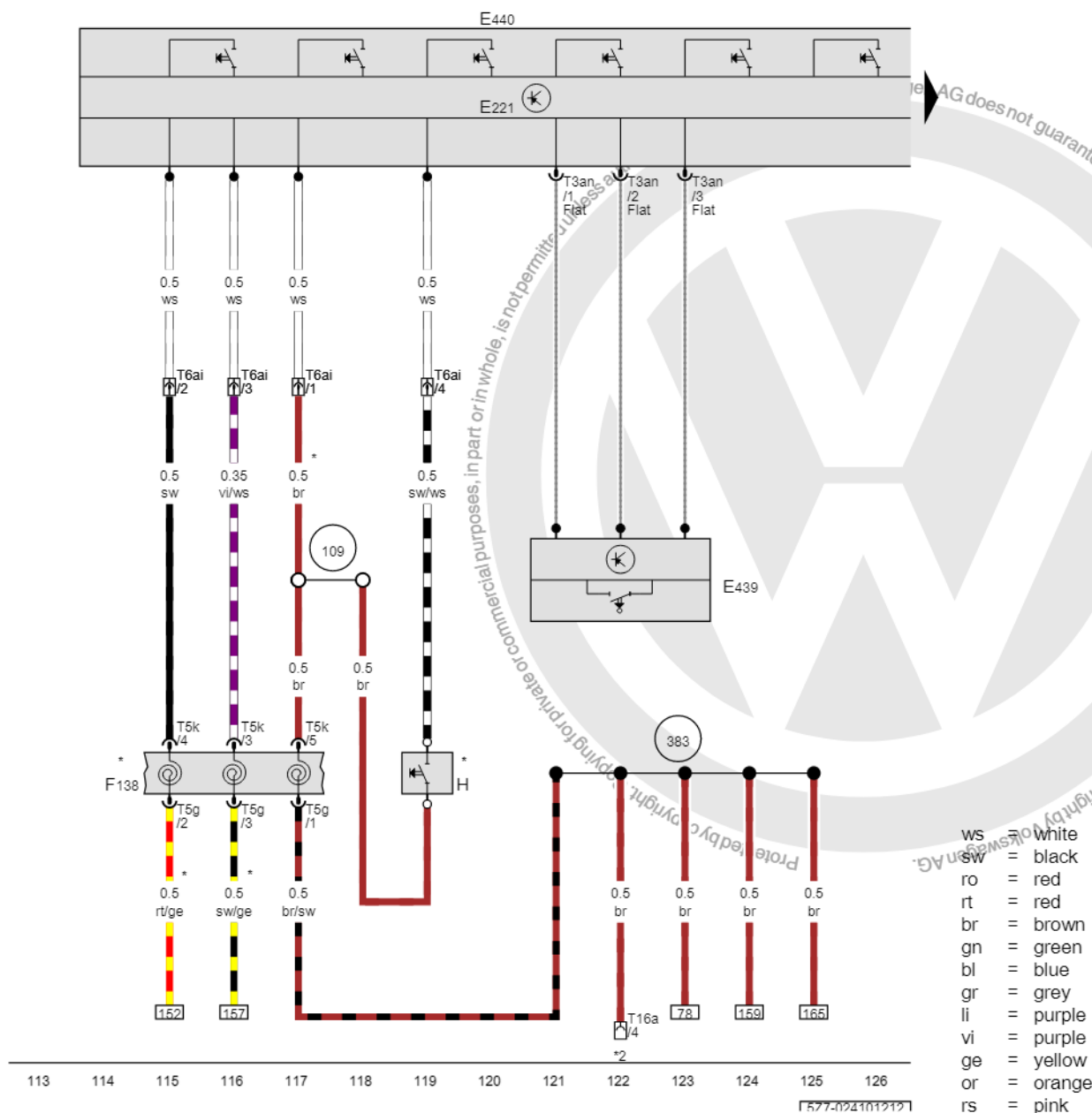
- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T16a 16-pin connector

109 Earth connection, in airbag wiring harness

383 Earth connection 18, in main wiring harness

\* Only models with operating unit for radio

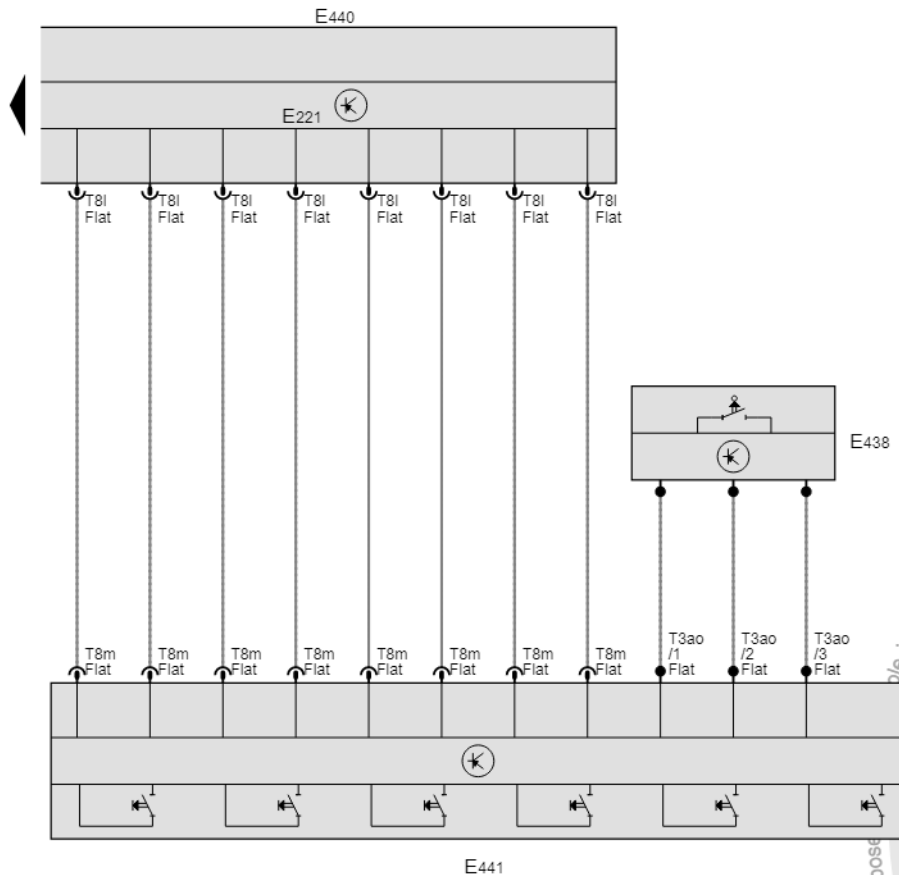
\*2 Diagnostic connection





Operating unit in steering wheel, Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector



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- gr = grey
- li = purple
- vi = purple
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- or = orange
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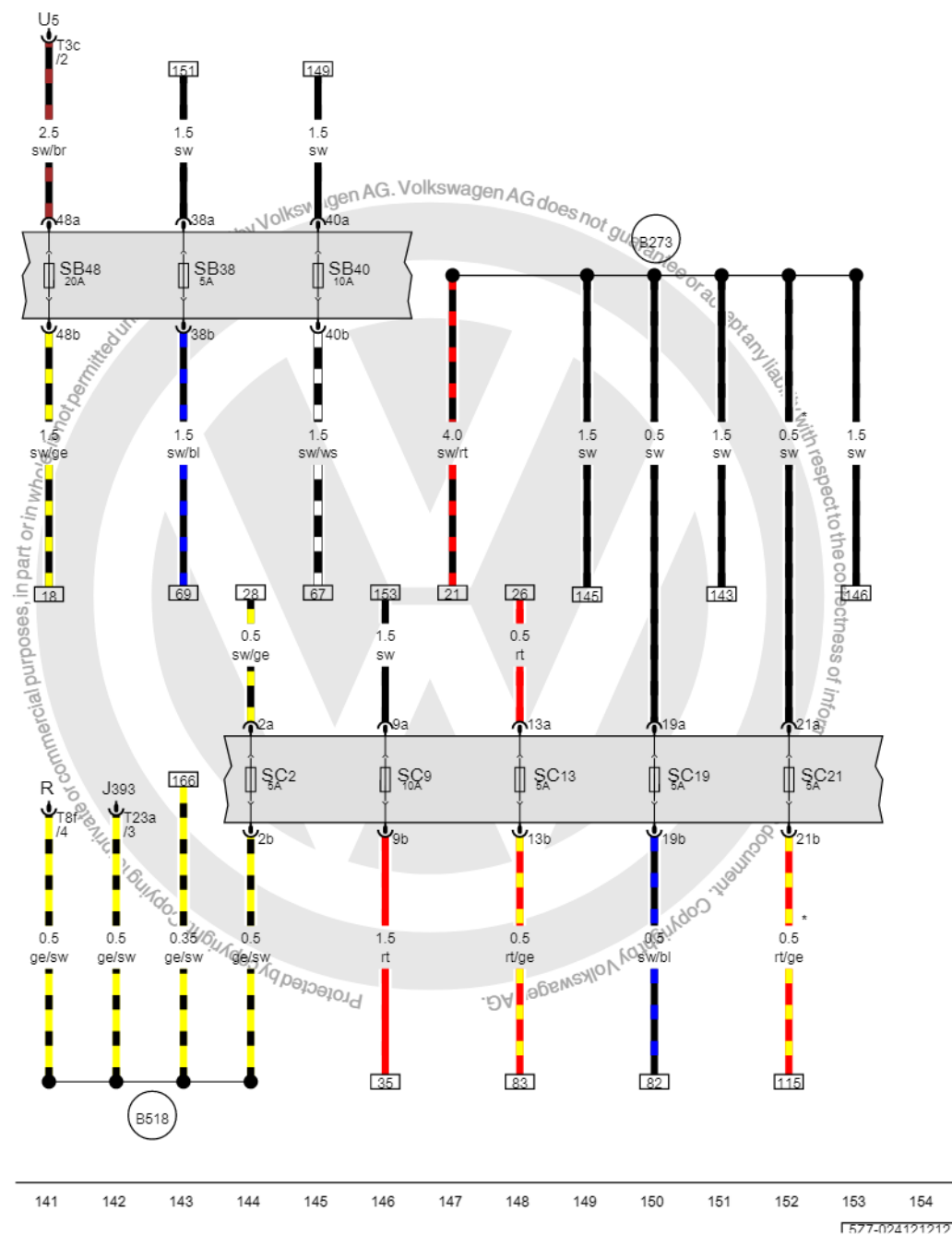
Fuse 2 on fuse holder C, Fuse 9 on fuse holder C, Fuse 13 on fuse holder C, Fuse 19 on fuse holder C, Fuse 21 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 48 on fuse holder B

J393 Convenience system central control unit  
R Radio  
SC2 Fuse 2 on fuse holder C  
SC9 Fuse 9 on fuse holder C  
SC13 Fuse 13 on fuse holder C  
SC19 Fuse 19 on fuse holder C  
SC21 Fuse 21 on fuse holder C  
SB38 Fuse 38 on fuse holder B  
SB40 Fuse 40 on fuse holder B  
SB48 Fuse 48 on fuse holder B  
T3c 3-pin connector  
T8f 8-pin connector  
T23a 23-pin connector  
U5 12 V socket

B273 Positive connection (15), in main wiring harness

B518 Connection (86s), in main wiring harness

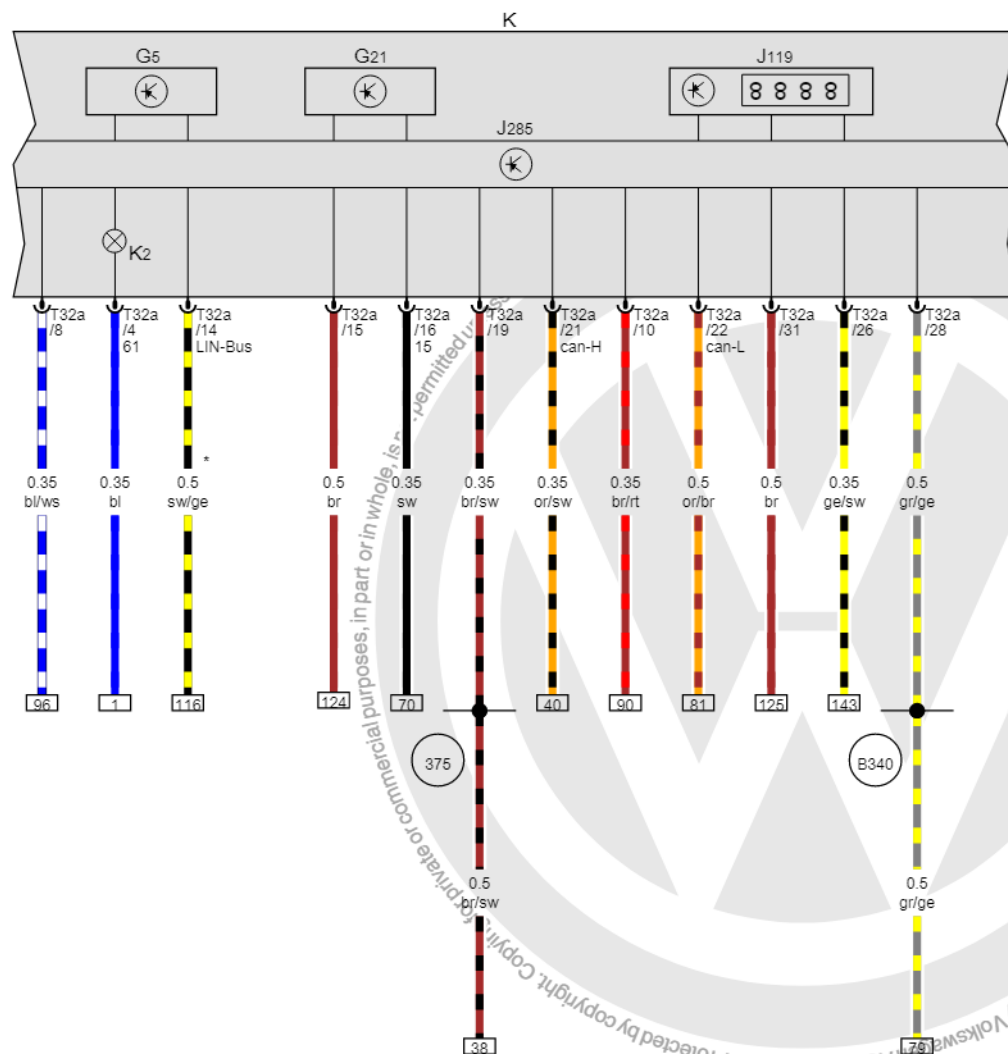
\* Only models with operating unit for radio



Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

- 375 Earth connection 10, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with operating unit for radio



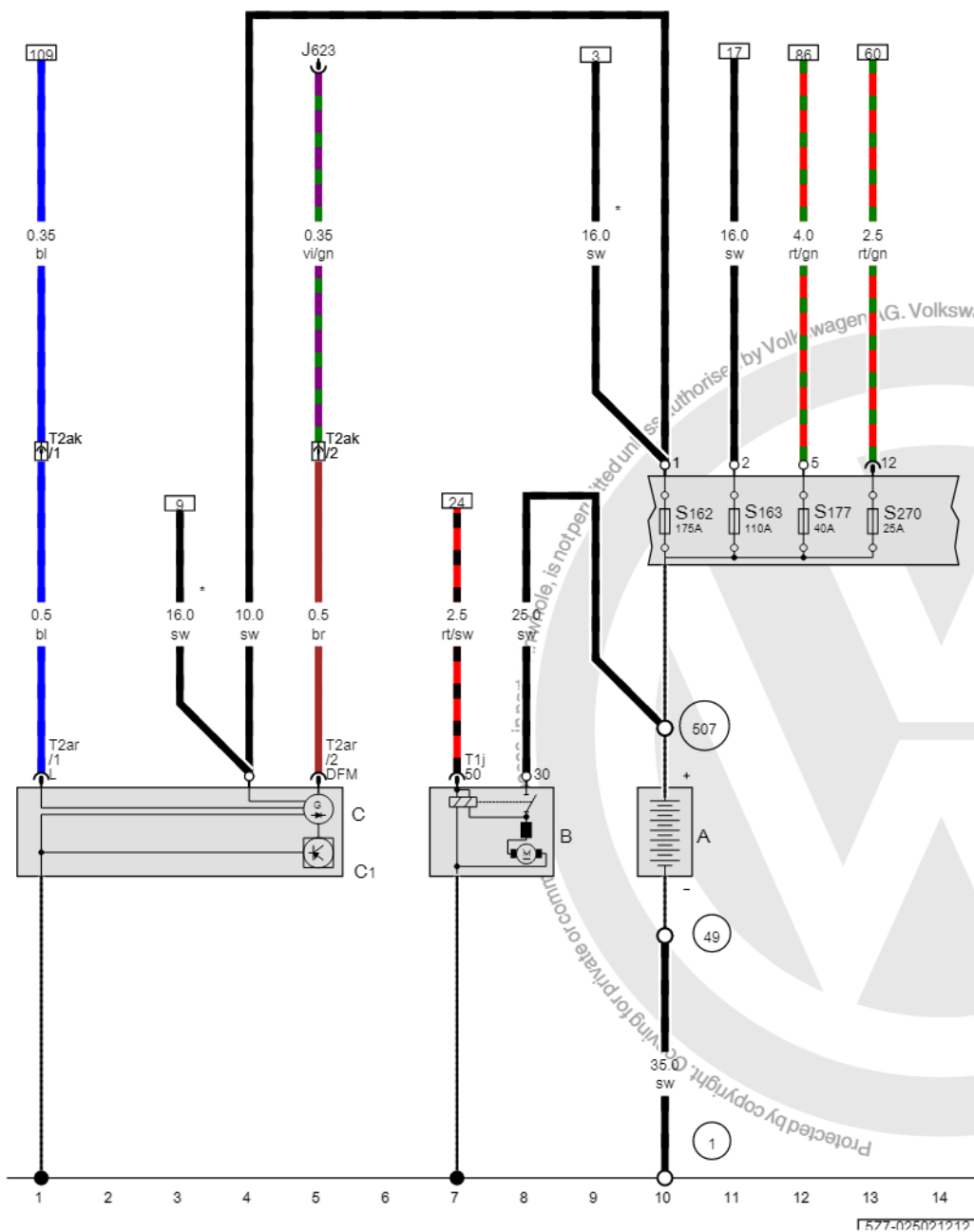
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Anti-lock brake system (ABS)

From April 2012



Battery, Starter, Alternator, Voltage regulator

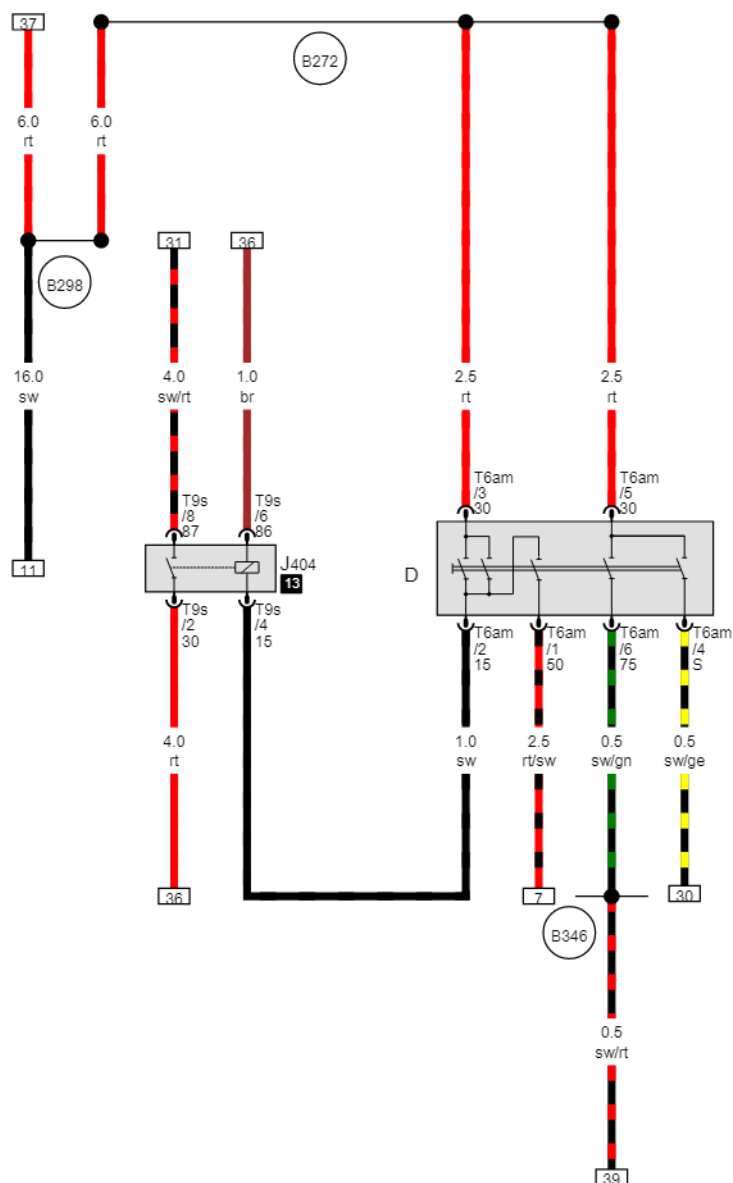


- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S270 Fuse 12 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- Only models with 110 A alternator

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Ignition/starter switch, Terminal 15 relief relay

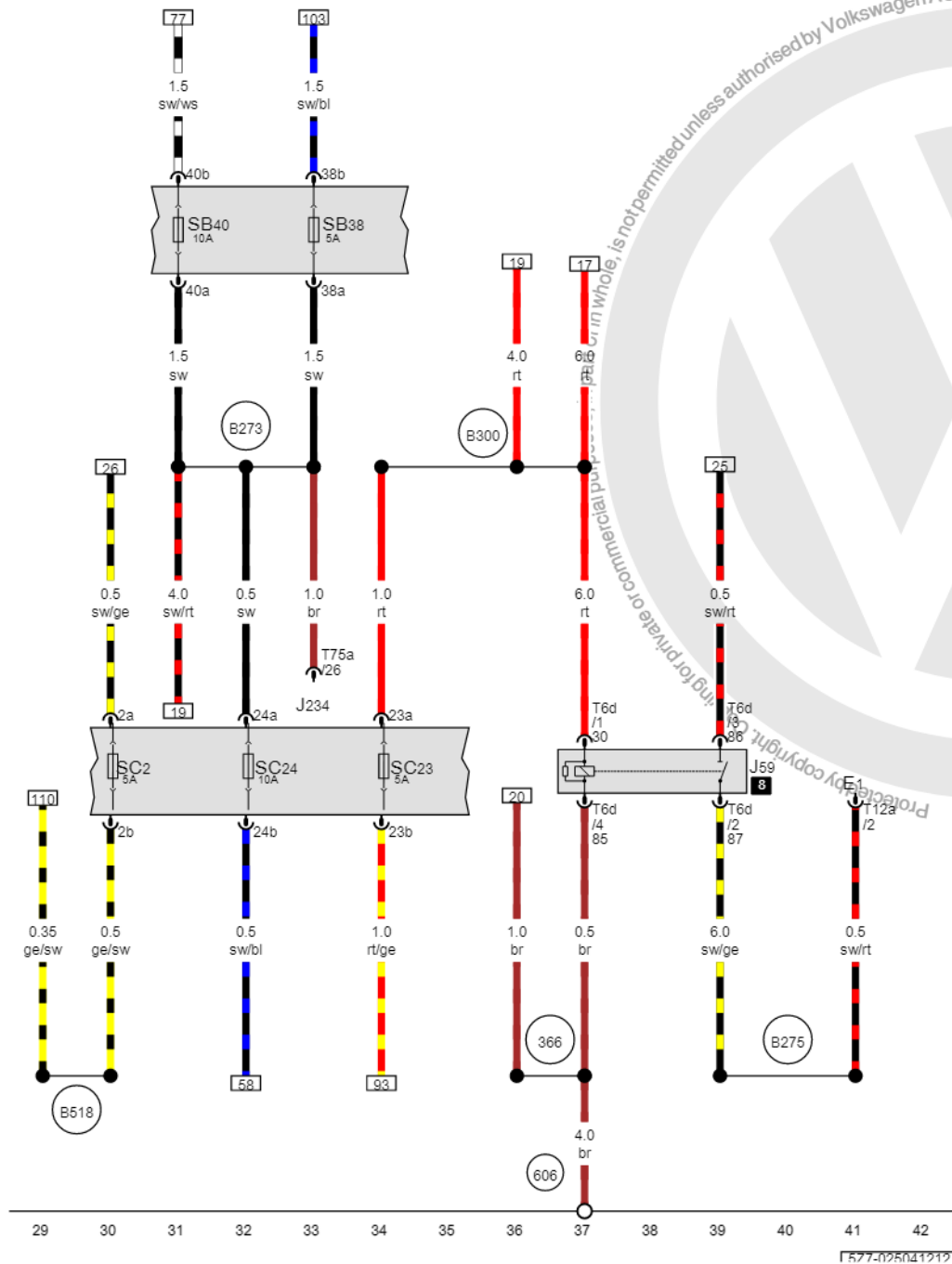
- |      |  |
|------|--|
| D    | Ignition/starter switch                            |
| J404 | Terminal 15 relief relay                           |
| T6am | 6-pin connector                                    |
| T9s  | 9-pin connector                                    |
| B272 | Positive connection (30), in main wiring harness   |
| B298 | Positive connection 2 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness          |



ws	=	white
sw	=	black
ro	=	red
br	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

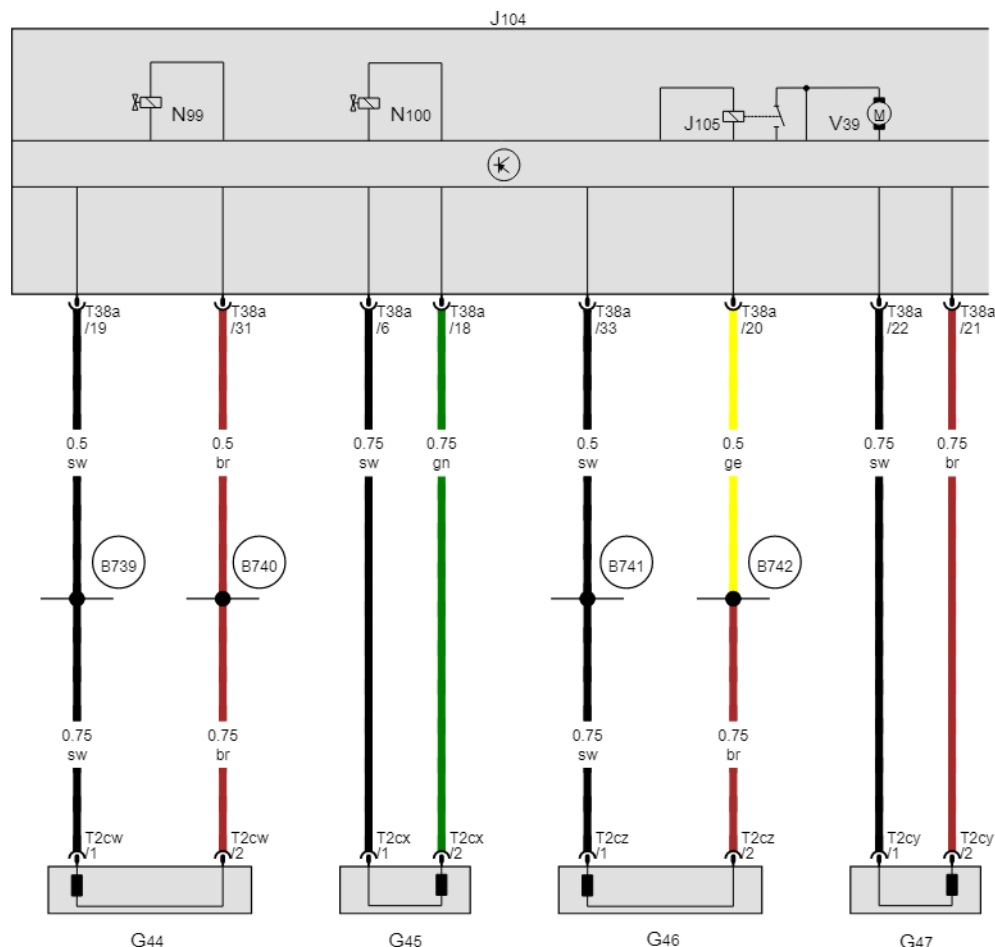
X-contact relief relay, Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

- E1 Light switch
- J59 X-contact relief relay
- J234 Airbag control unit
- SC2 Fuse 2 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T6d 6-pin connector
- T12a 12-pin connector
- T75a 75-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness



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 rs = pink

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, ABS return flow pump relay, Front right ABS inlet valve, Front right ABS outlet valve, ABS return flow pump



- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- J105 ABS return flow pump relay
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2cw 2-pin connector
- T2cx 2-pin connector
- T2cy 2-pin connector
- T2cz 2-pin connector
- T38a 38-pin connector
- V39 ABS return flow pump
- B739 Connection (rear right speed sensor +), in main wiring harness
- B740 Connection (rear right speed sensor -), in main wiring harness
- B741 Connection (rear left speed sensor +), in main wiring harness
- B742 Connection (rear left speed sensor -), in main wiring harness

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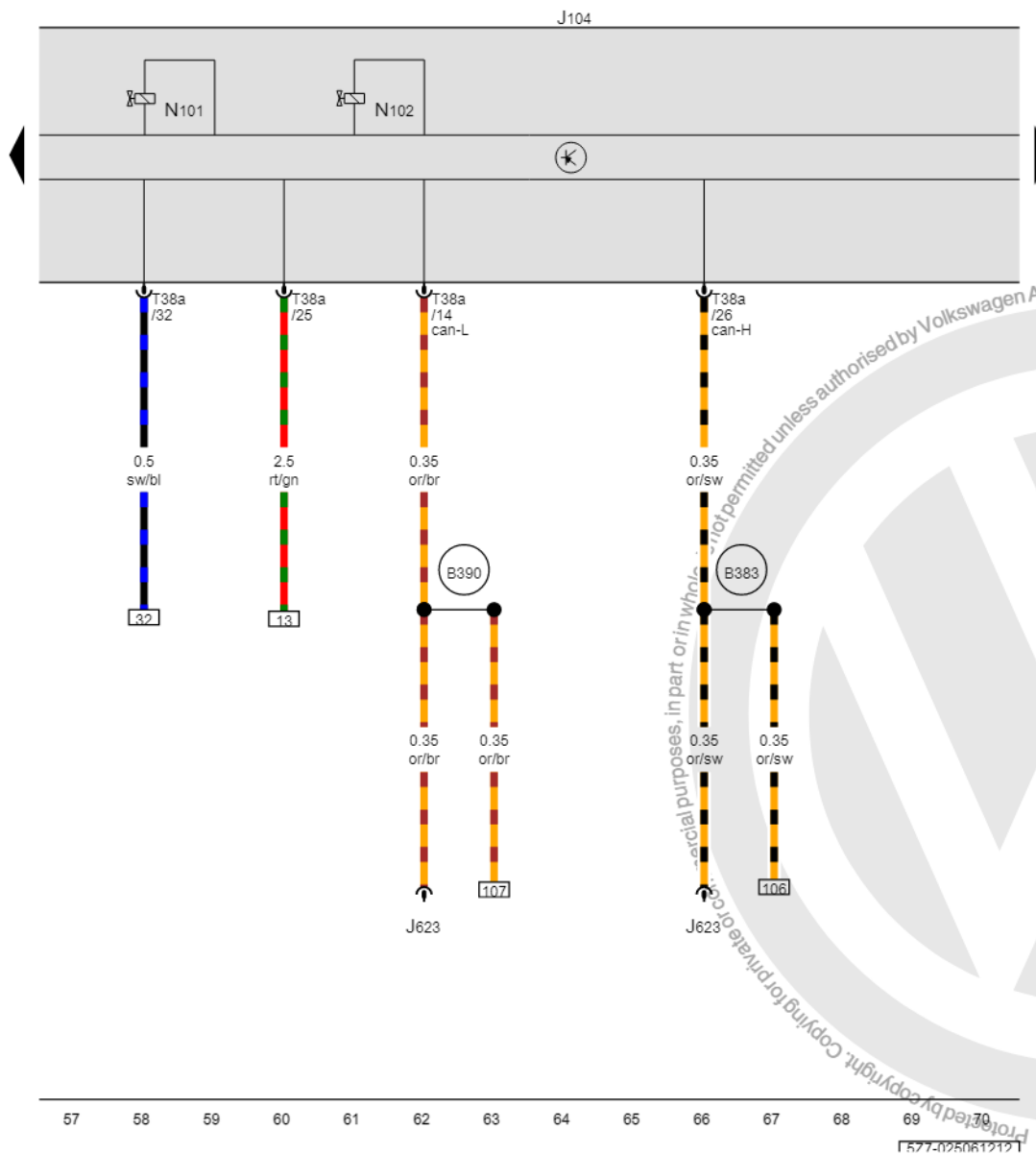


ABS control unit, Front left ABS inlet valve, Front left ABS outlet valve

J104 ABS control unit  
J623 Engine control unit  
N101 Front left ABS inlet valve  
N102 Front left ABS outlet valve  
T38a 38-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



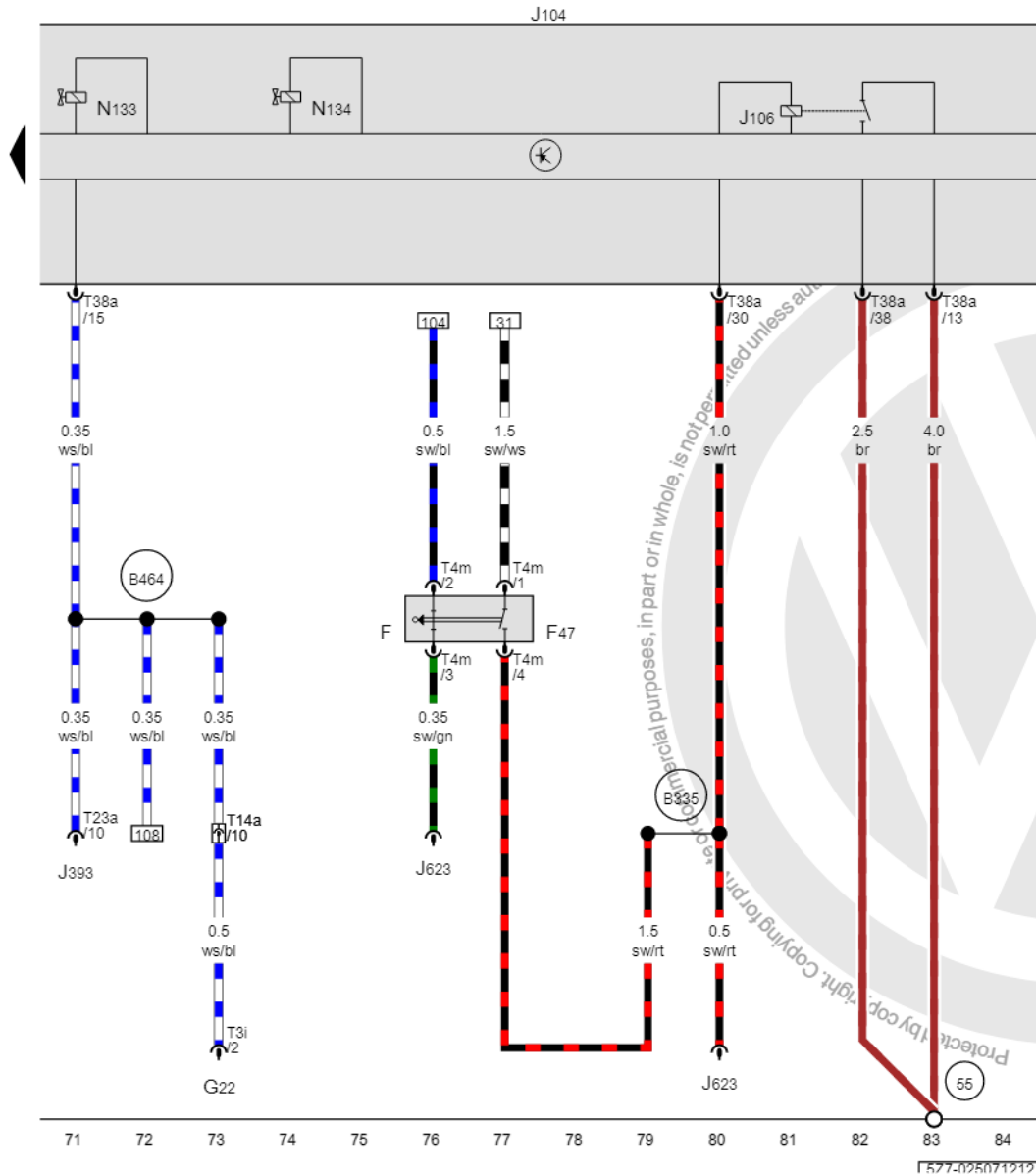
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Brake light switch, Brake pedal switch, ABS control unit, ABS solenoid valve relay, Rear right ABS inlet valve, Rear left ABS inlet valve

- F Brake light switch
- F47 Brake pedal switch
- G22 Speedometer sender
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J393 Convenience system central control unit
- J623 Engine control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T3i 3-pin connector
- T4m 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T38a 38-pin connector

- 55 Earth point, next to ABS control unit
- B335 Connection 1 (54), in main wiring harness
- B464 Connection (speed signal), in main wiring harness

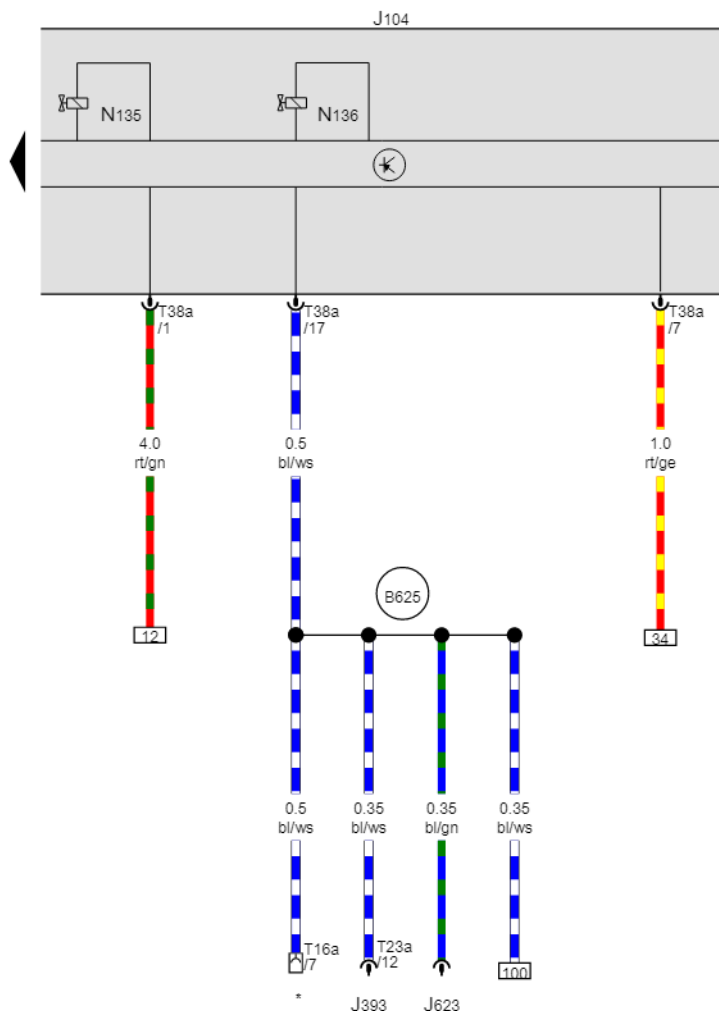
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



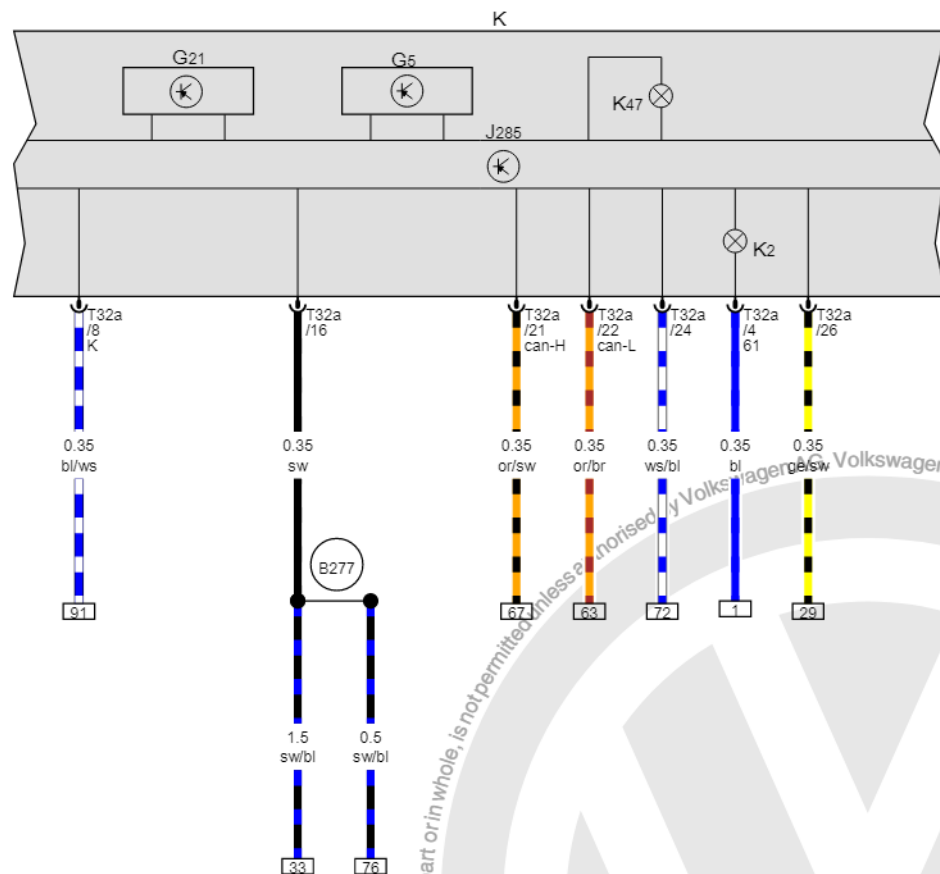
ABS control unit, Rear right ABS outlet valve, Rear left ABS outlet valve

- J104 ABS control unit
- J393 Convenience system central control unit
- J623 Engine control unit
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T16a 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector

- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection



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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, ABS warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K47 ABS warning lamp
- T32a 32-pin connector

B277 Positive connection 1 (15a) in main wiring harness

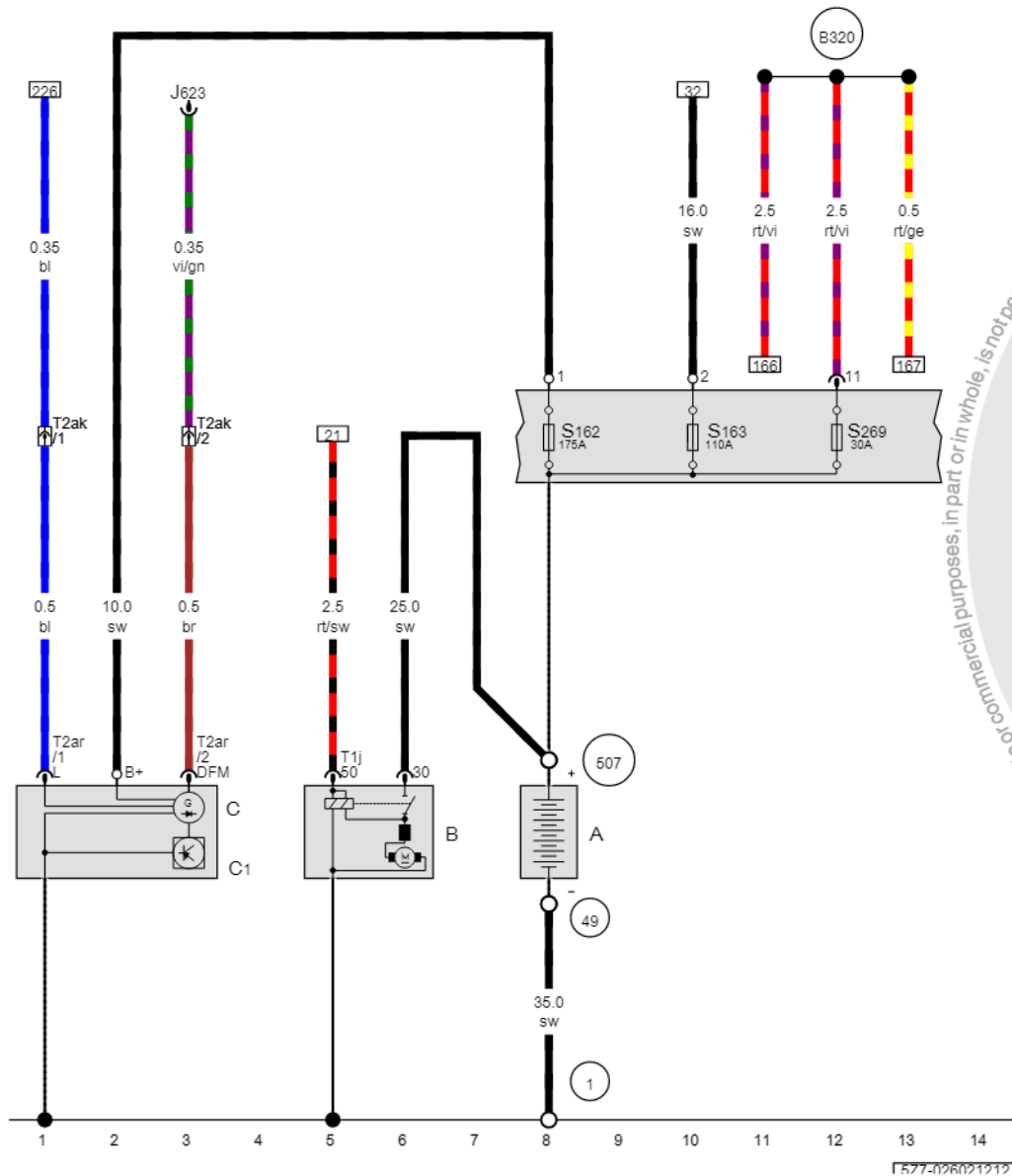
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Basic equipment

From April 2012



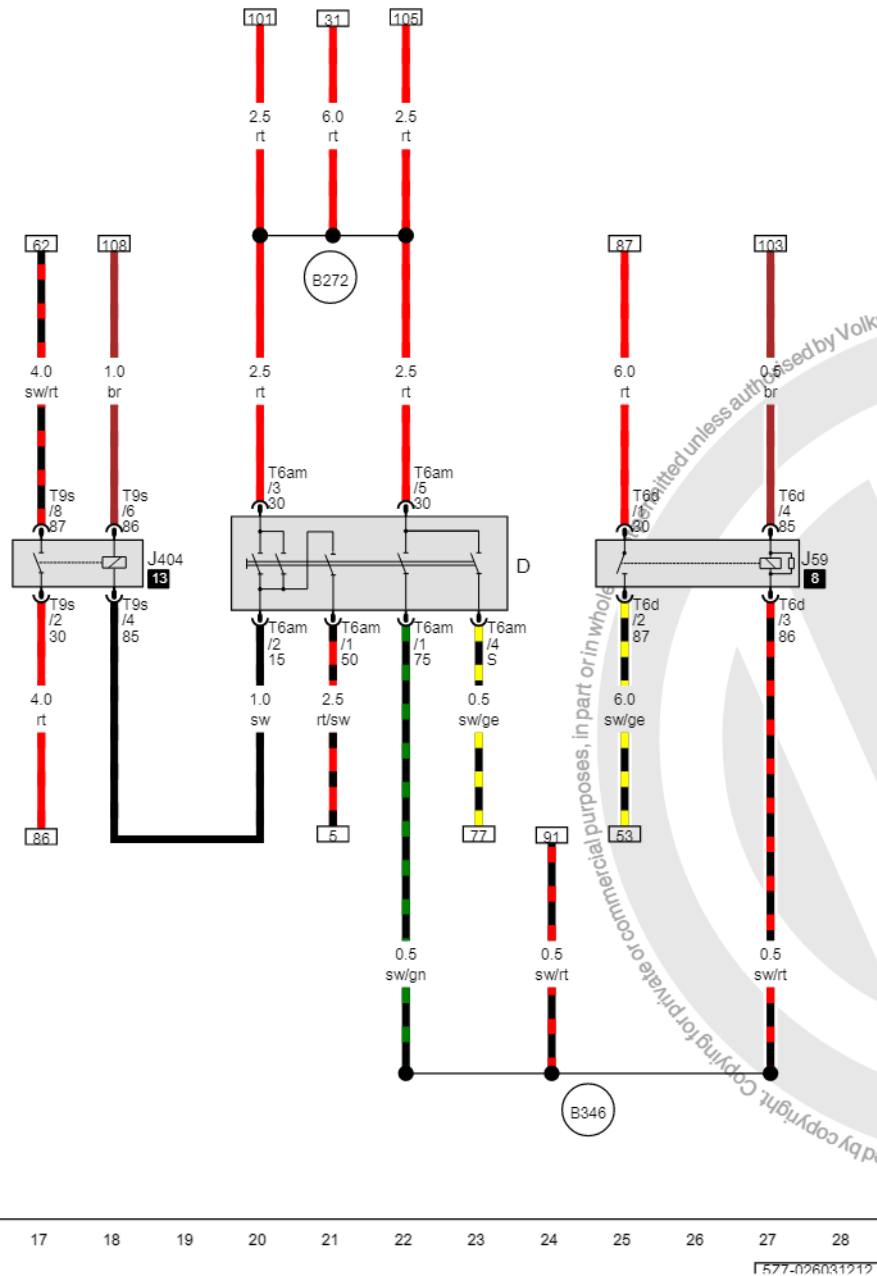
Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1ay Single connector
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B320 Positive connection 6 (30a) in main wiring harness

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- B272 Positive connection (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

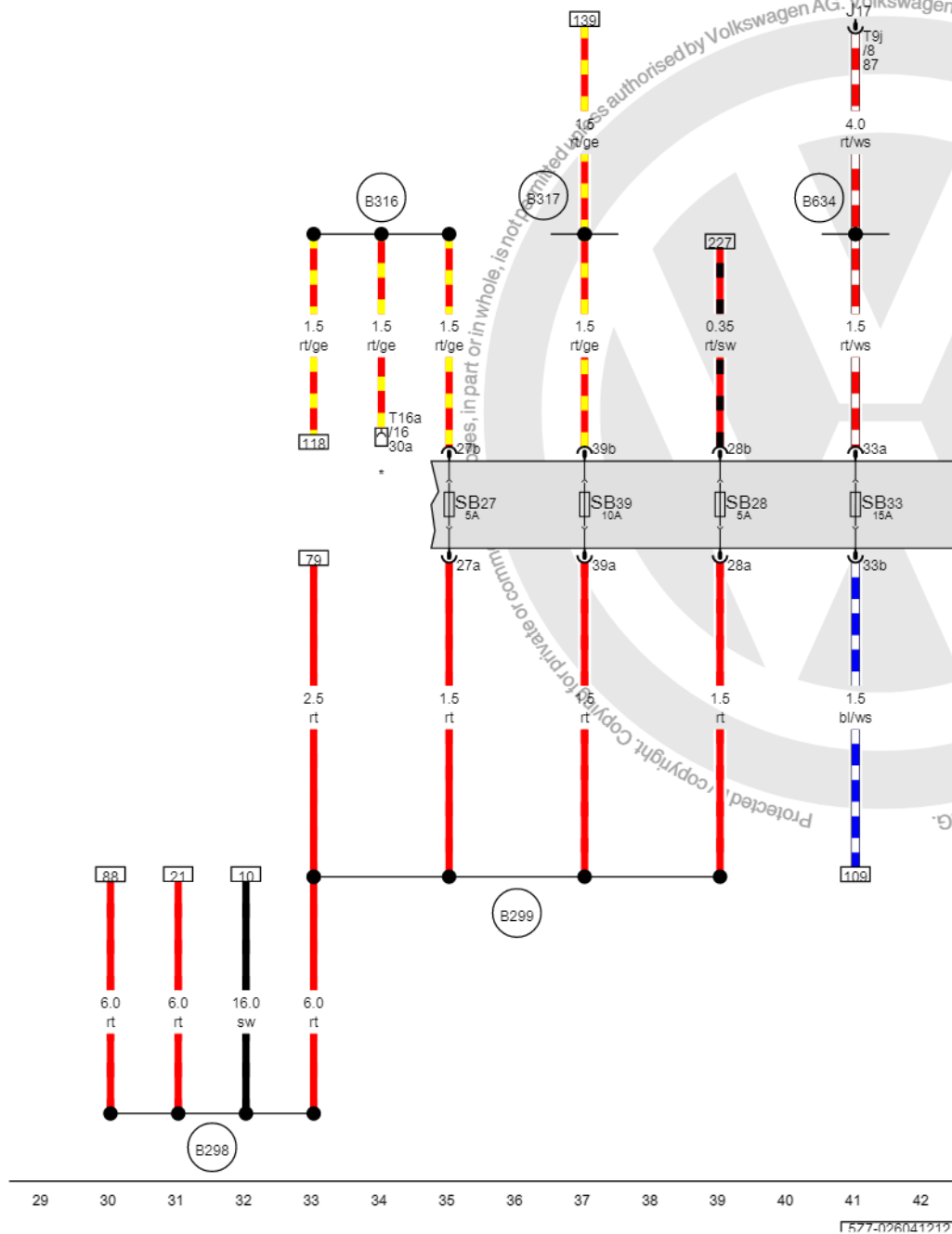


ws = white  
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 or = orange  
 rs = pink

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 39 on fuse holder B

- J17 Fuel pump relay
- SB27 Fuse 27 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- T9j 9-pin connector
- T16a 16-pin connector

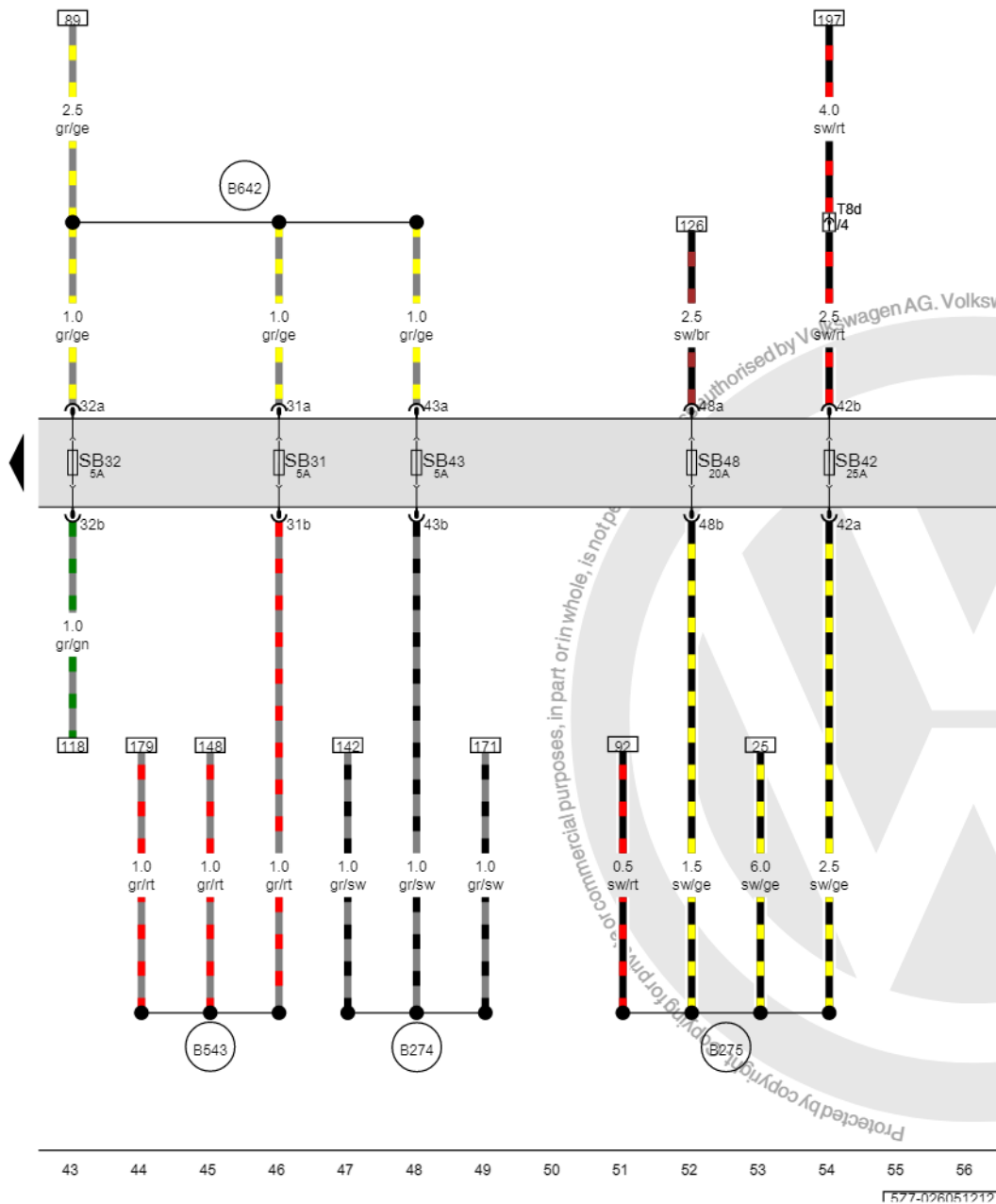
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B634 Positive connection 2 (87), in main wiring harness
- \* Diagnostic connection



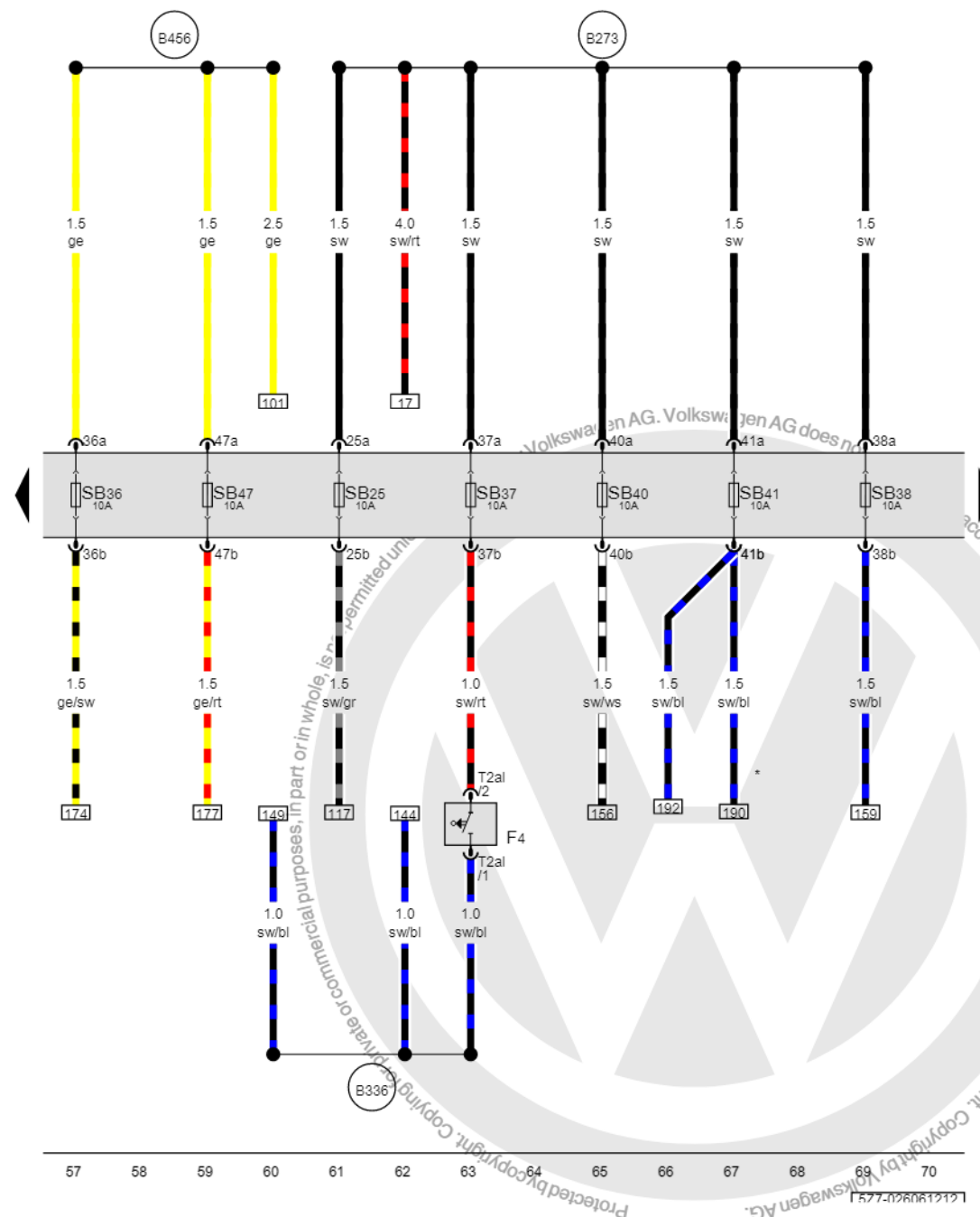


Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 42 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T8d 8-pin connector, behind dash panel, centre
- B274 Positive connection (58L), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B642 Positive connection (58), in main wiring harness



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- gr = grey
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- or = orange
- rs = pink



### Reversing light switch

- F4 Reversing light switch
- SB25 Fuse 25 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector

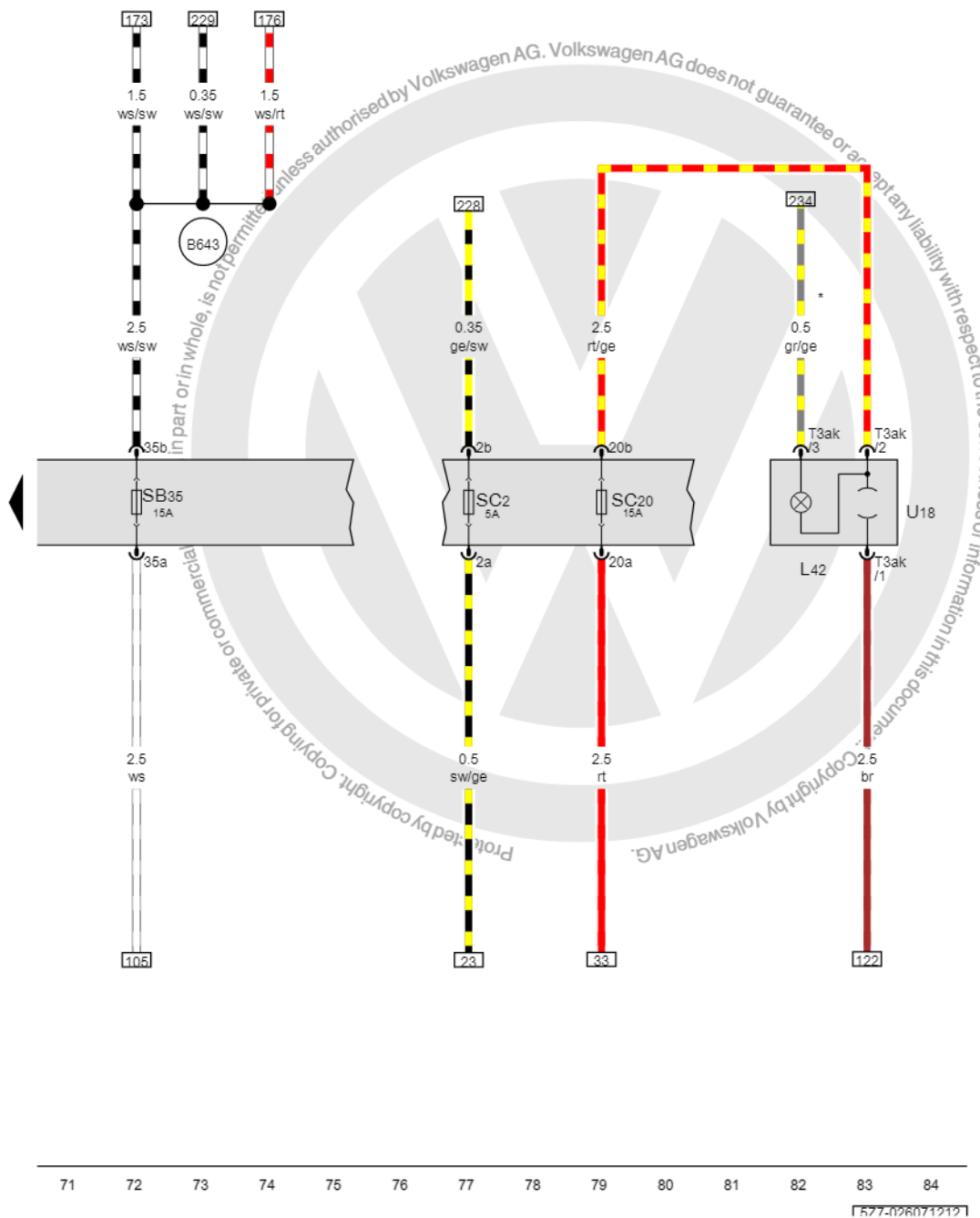
B273 Positive connection (15), in main wiring harness

B336 Connection 2 (54), in main wiring harness

B456 Connection (56b), in main wiring harness

\* Only models with multifunction steering wheel or driver and front passenger airbags

ws = white  
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Socket illumination bulb, 12 V socket 2

- |      |  |
|------|--|
| L42  | Socket illumination bulb                   |
| SC2  | Fuse 2 on fuse holder C                    |
| SC20 | Fuse 20 on fuse holder C                   |
| SB35 | Fuse 35 on fuse holder B                   |
| T3ak | 3-pin connector                            |
| U18  | 12 V socket 2                              |
| B643 | Connection 2 (56a), in main wiring harness |
| *    | Up to November 2012                        |

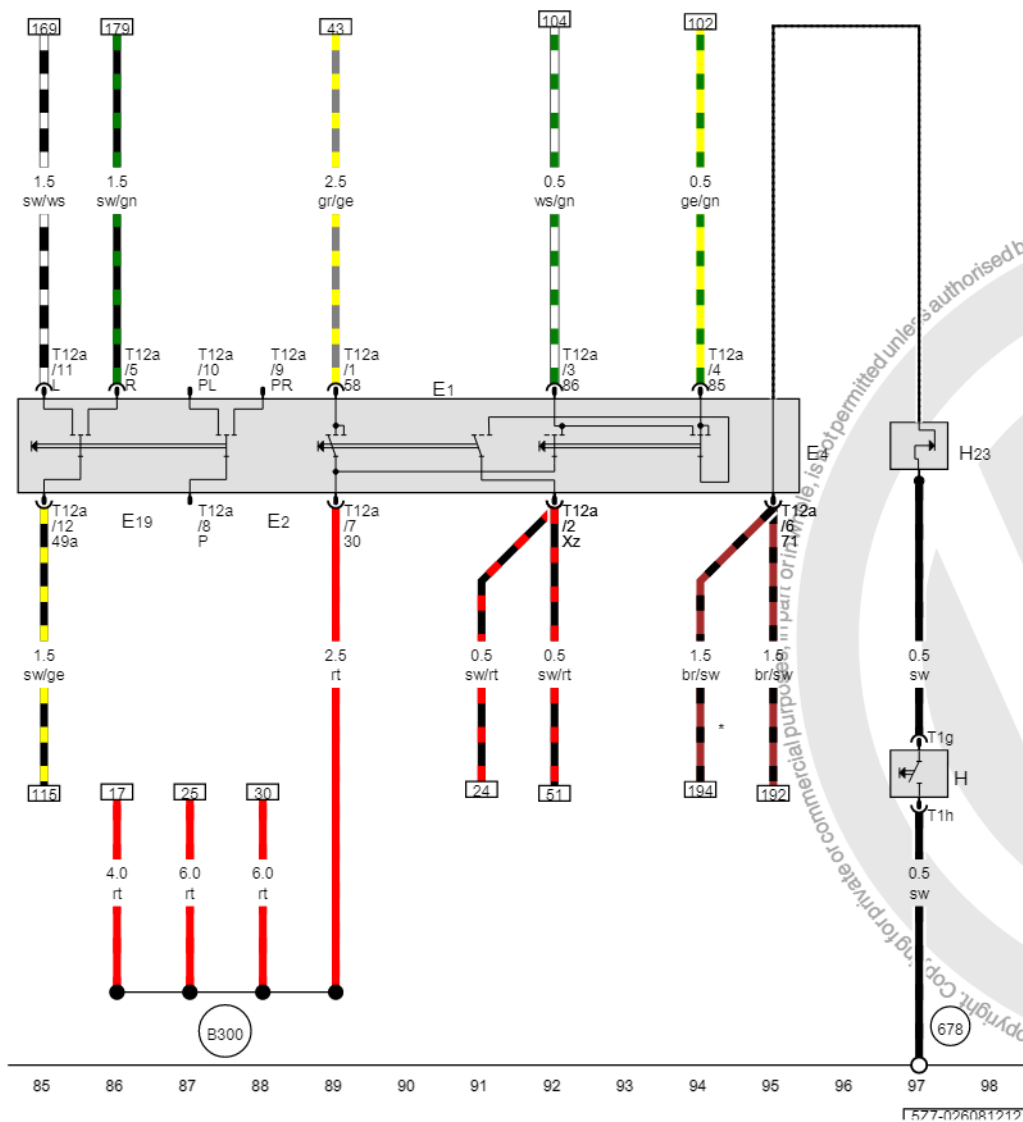
Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H23 Horn activation contact ring
- T1g Single connector
- T1h Single connector
- T12a 12-pin connector

678 Earth point, on steering wheel

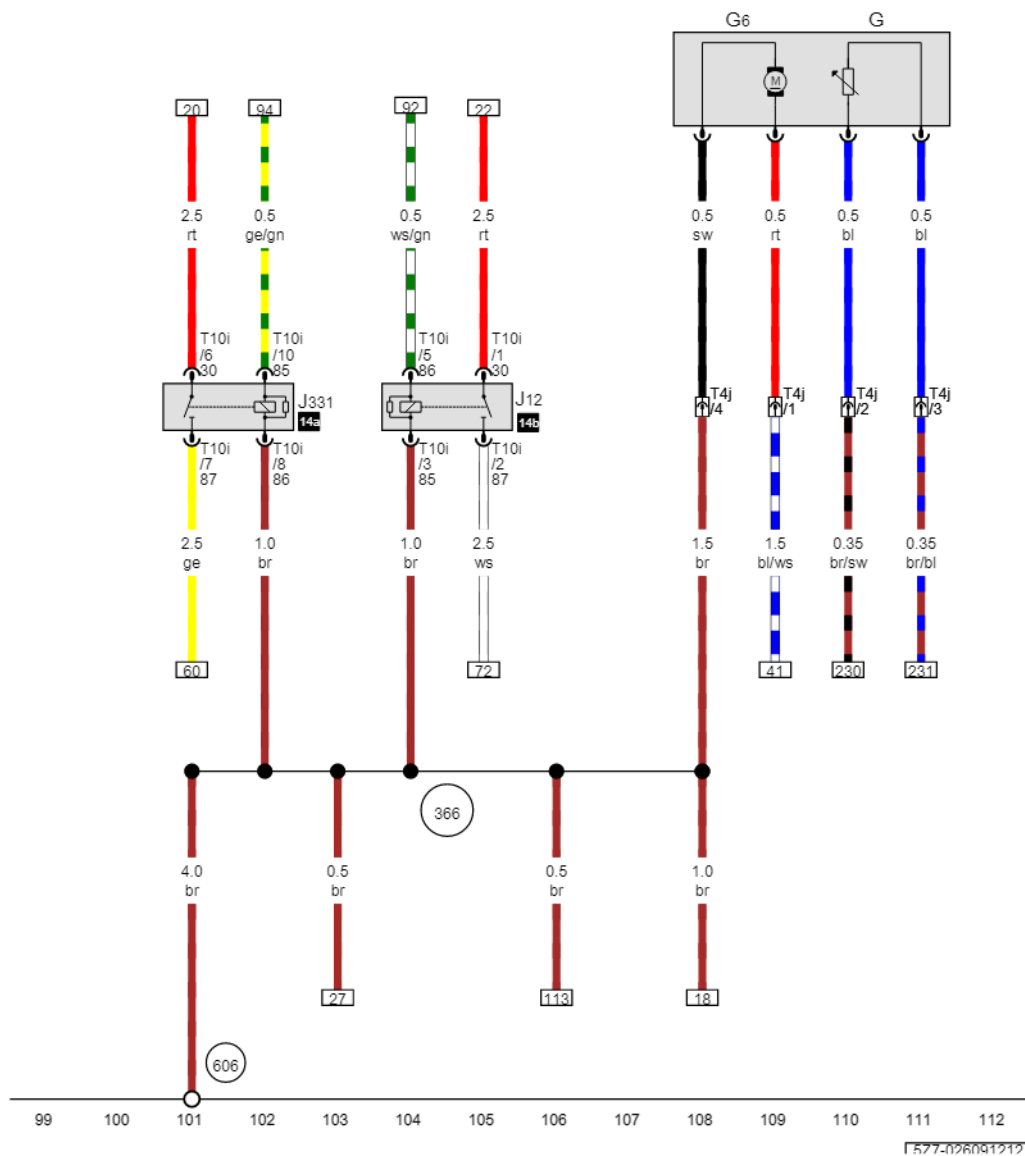
B300 Positive connection 4 (30), in main wiring harness

\* Only models with multifunction steering wheel or driver and front passenger airbags



Fuel gauge sender, Fuel system pressurisation pump,  
Headlight main beam relay, Dipped beam relay

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J12 Headlight main beam relay
- J331 Dipped beam relay
- T4j 4-pin connector, near fuel pump
- T10i 10-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick



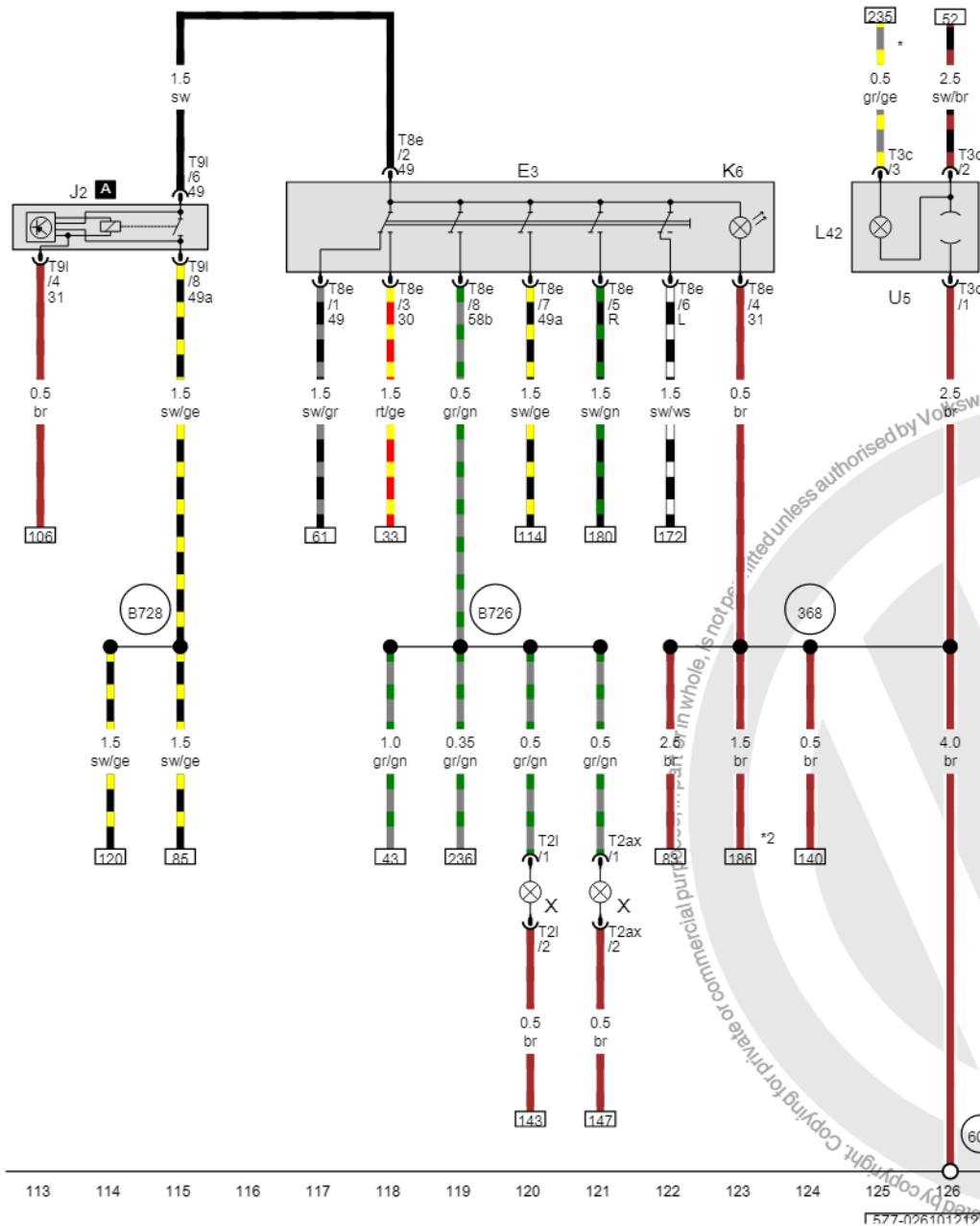
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- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Hazard warning light switch, Hazard warning light relay, Indicator lamp for hazard warning light, Socket illumination bulb, 12 V socket, Number plate light

- E3 Hazard warning light switch
- J2 Hazard warning light relay
- K6 Indicator lamp for hazard warning light
- L42 Socket illumination bulb
- T2ax 2-pin connector
- T2l 2-pin connector
- T3c 3-pin connector
- T8e 8-pin connector
- T9l 9-pin connector
- U5 12 V socket
- X Number plate light

- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B726 Positive connection 2 (58), in main wiring harness
- B728 Connection (49a), in main wiring harness
- \* Only smoker version models
- \*2 Only models with multifunction steering wheel or driver and front passenger airbags

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



113 114 115 116 117 118 119 120 121 122 123 124 125 126

Driver door contact switch, Front passenger door contact switch, Handbrake warning switch, Brake fluid level warning contact, Front interior light, Glove compartment light

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- T1c Single connector
- T1d Single connector
- T2ai 2-pin connector
- T2dg 2-pin connector
- T2v 2-pin connector
- T3e 3-pin connector
- T16a 16-pin connector
- W1 Front interior light
- W6 Glove compartment light

367 Earth connection 2, in main wiring harness

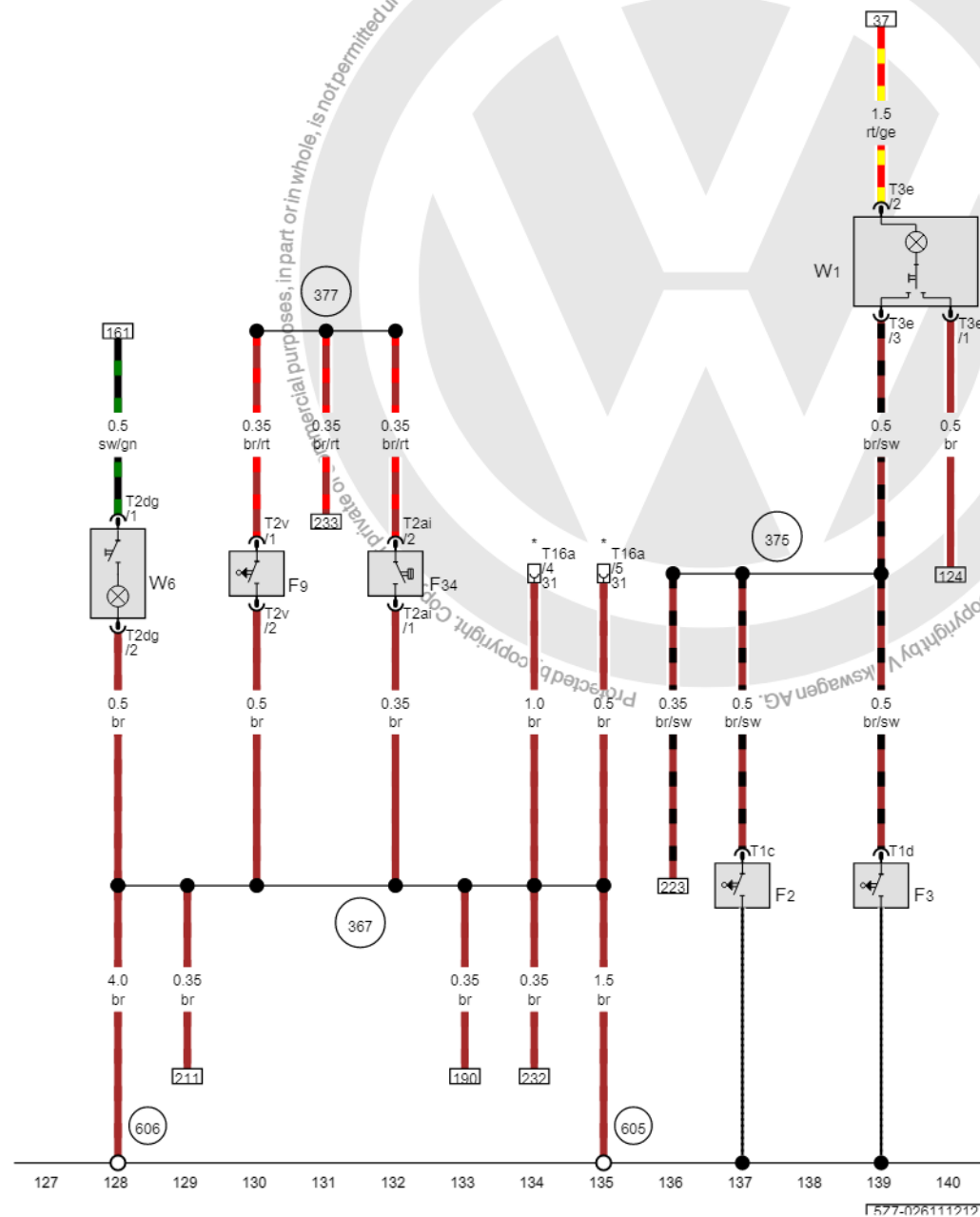
375 Earth connection 10, in main wiring harness

377 Earth connection 12, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

\* Diagnostic connection

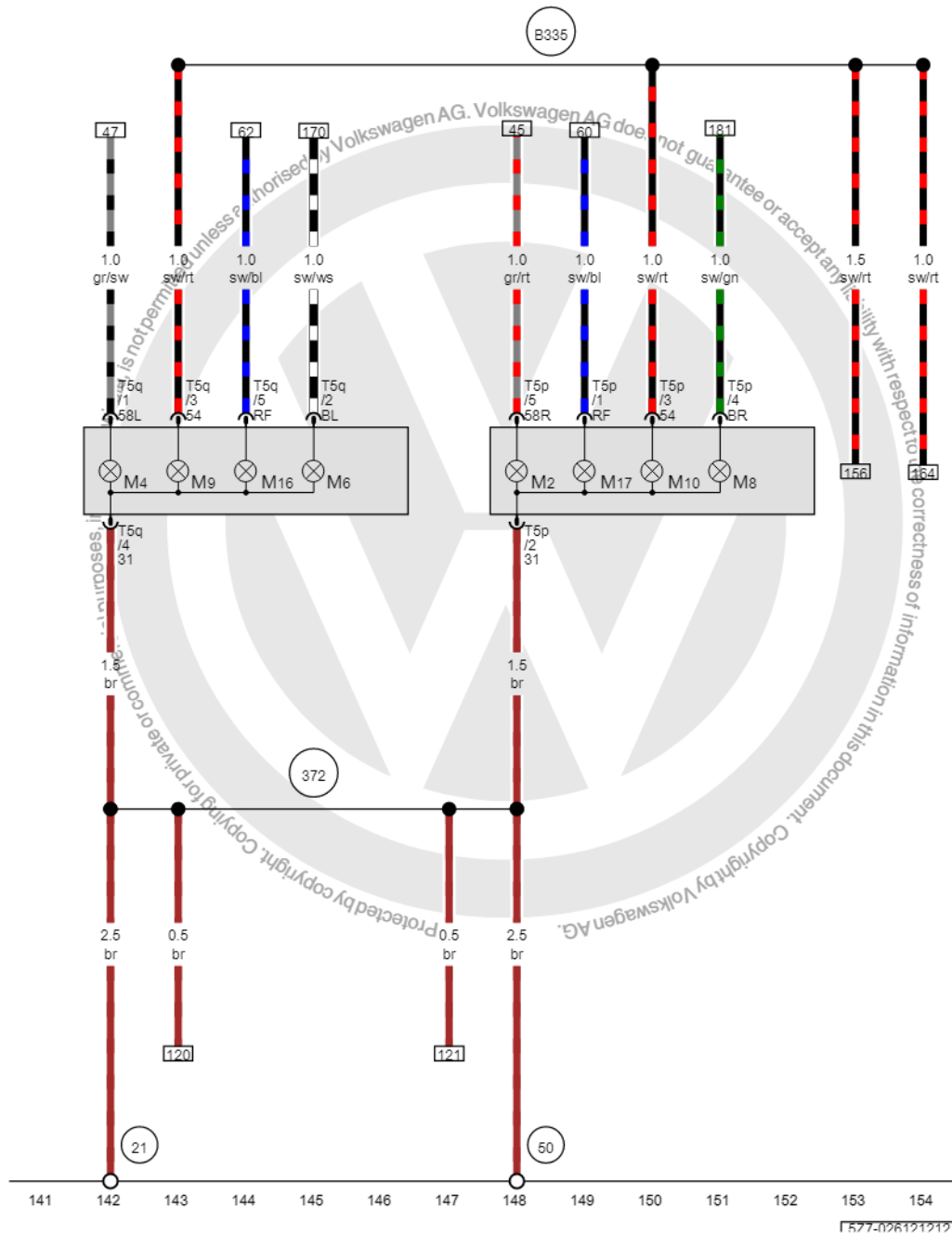


- ws = white
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- rs = pink

Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness



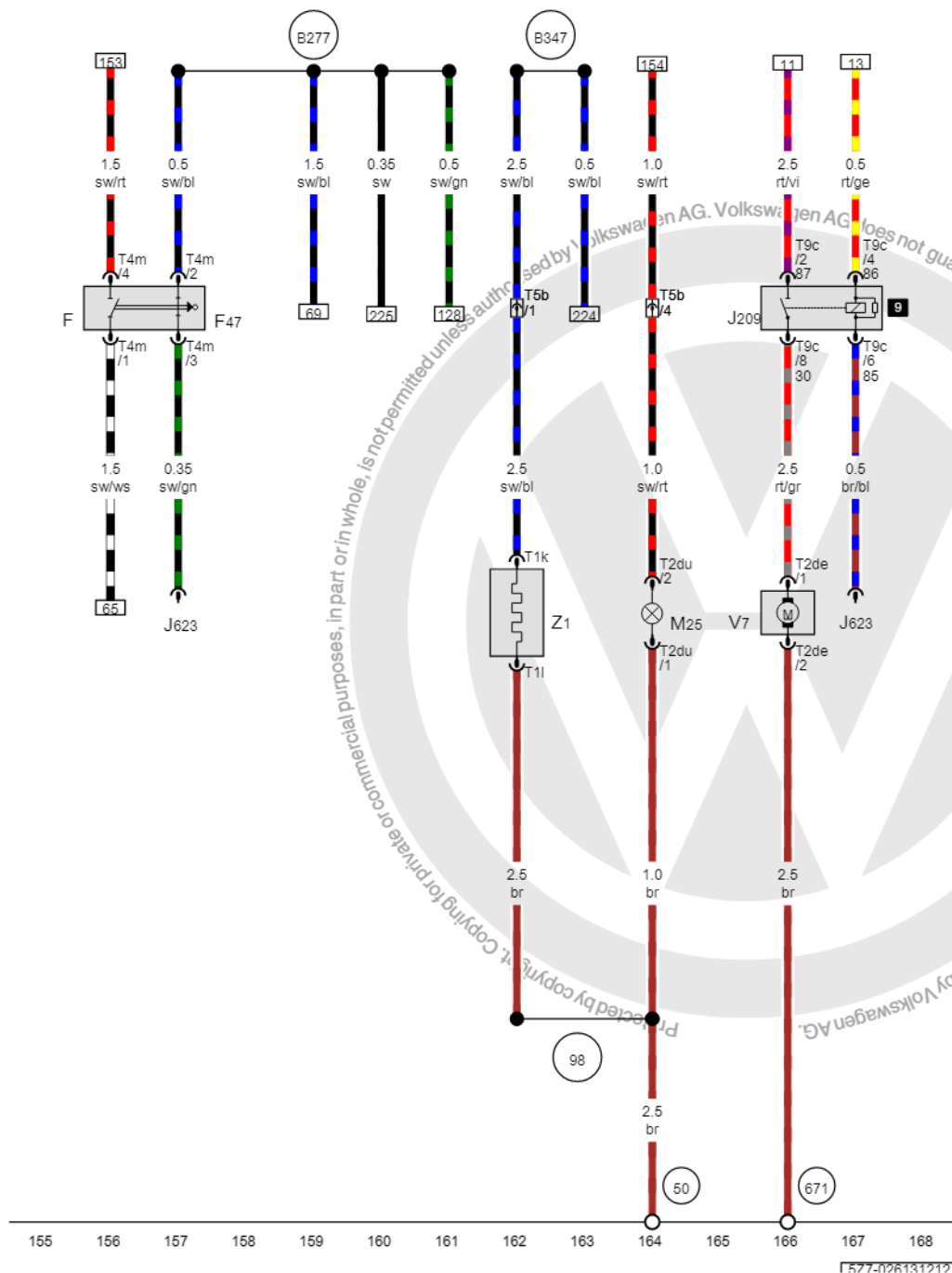


Brake light switch, Brake pedal switch, Fresh air blower and radiator fan relay, Additional brake light bulb, Radiator fan, Heated rear window

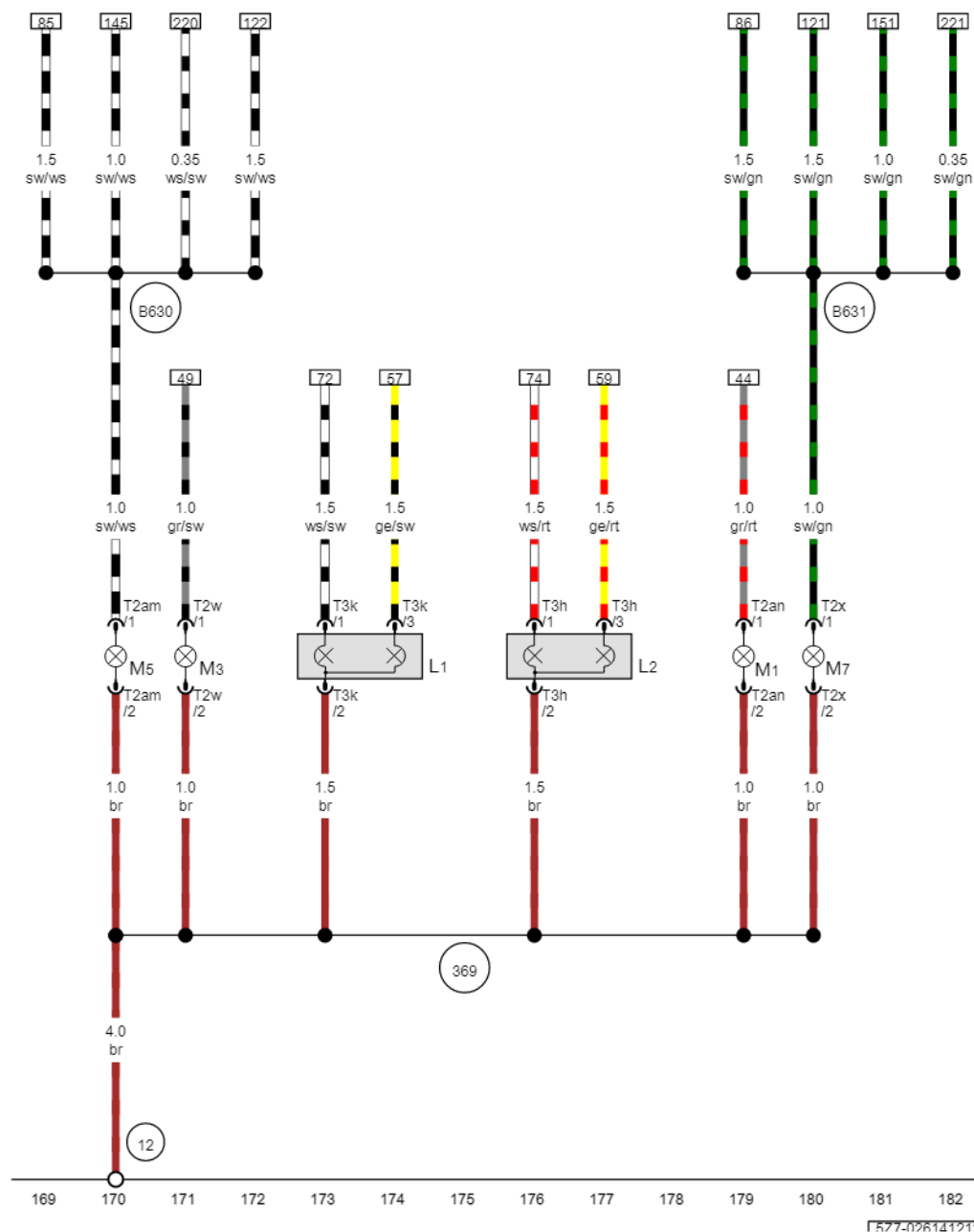
- F Brake light switch
- F47 Brake pedal switch
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- M25 Additional brake light bulb
- T1k Single connector
- T1l Single connector
- T2de 2-pin connector
- T2du 2-pin connector
- T4m 4-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T9c 9-pin connector
- V7 Radiator fan
- Z1 Heated rear window

- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B277 Positive connection 1 (15a) in main wiring harness
- B347 Connection 2 (75), in main wiring harness

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 rs = pink



Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb



- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

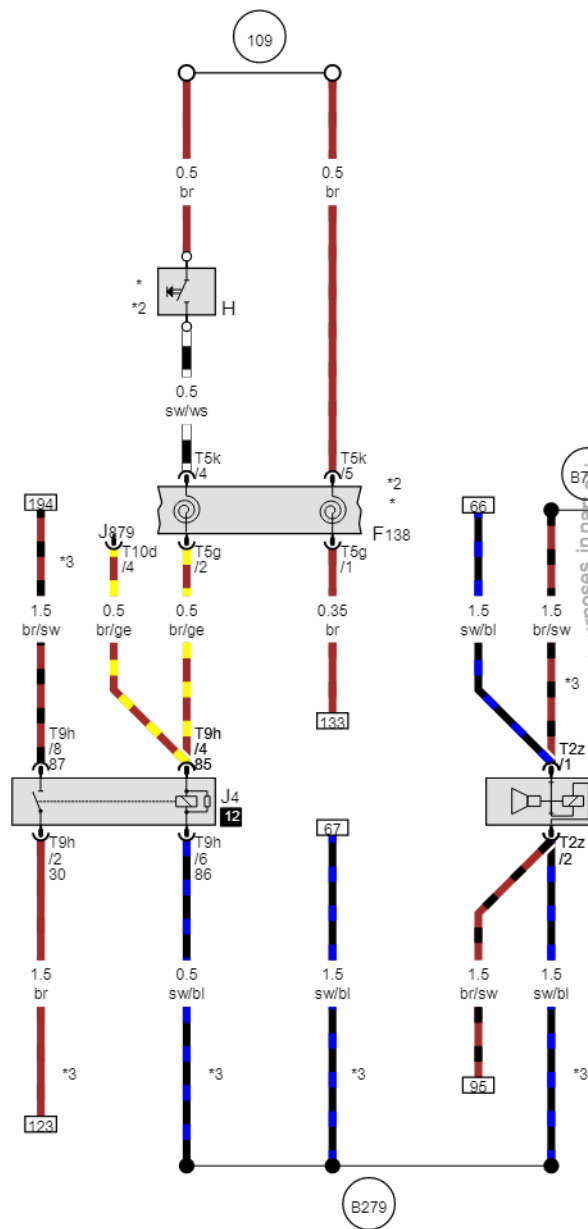
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

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 or = orange  
 rs = pink

Airbag coil connector and return ring with slip ring, Horn plate, Horn or dual tone horn, Dual tone horn relay

- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J879 Control unit for interactive system
- T2z 2-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T9h 9-pin connector
- T10d 10-pin connector

- 109 Earth connection, in airbag wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B727 Connection (71a), in main wiring harness
- \* Only models with driver and front passenger airbags
- \*2 Only models with detachable operating unit for radio
- \*3 Only models with multifunction steering wheel or driver and front passenger airbags



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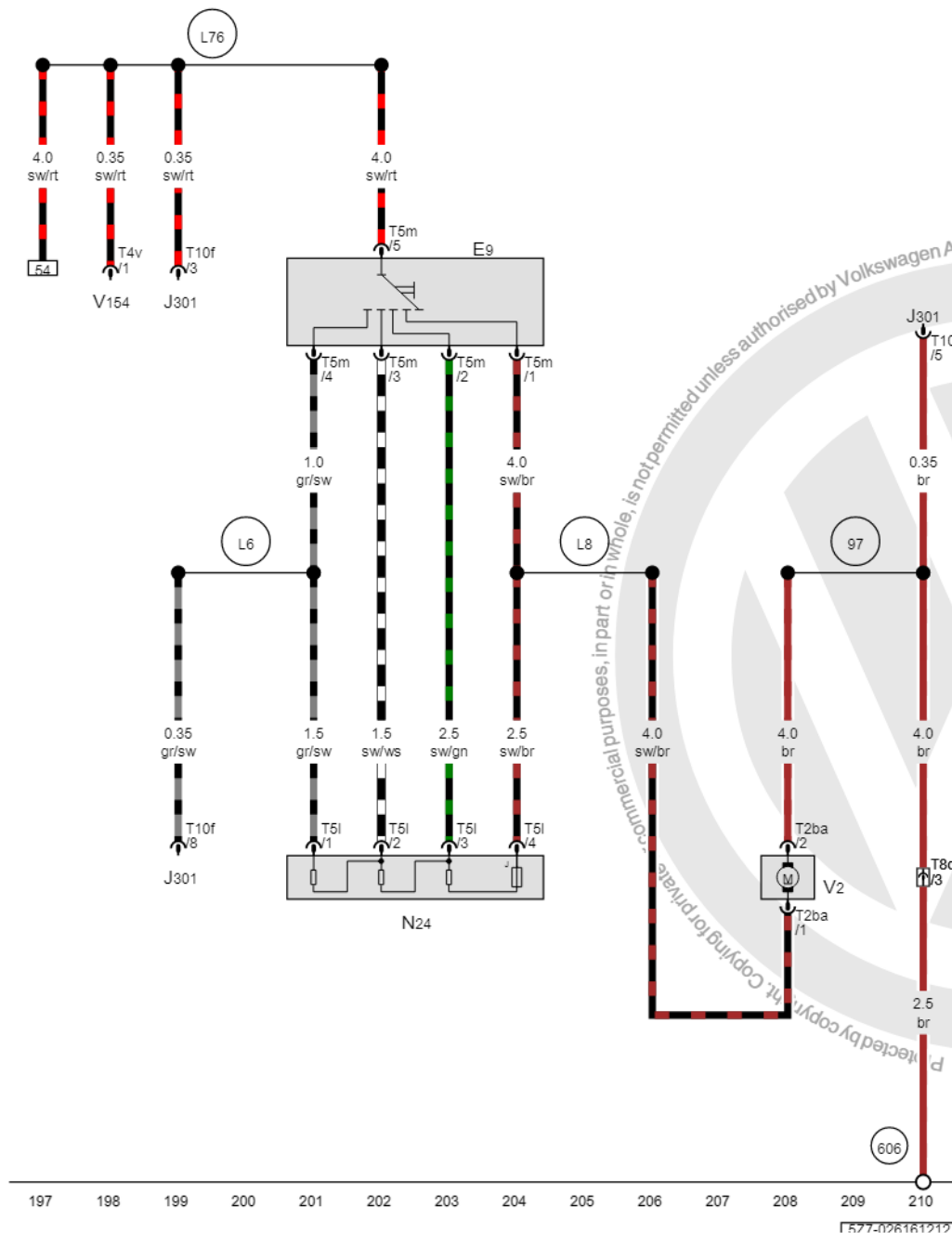
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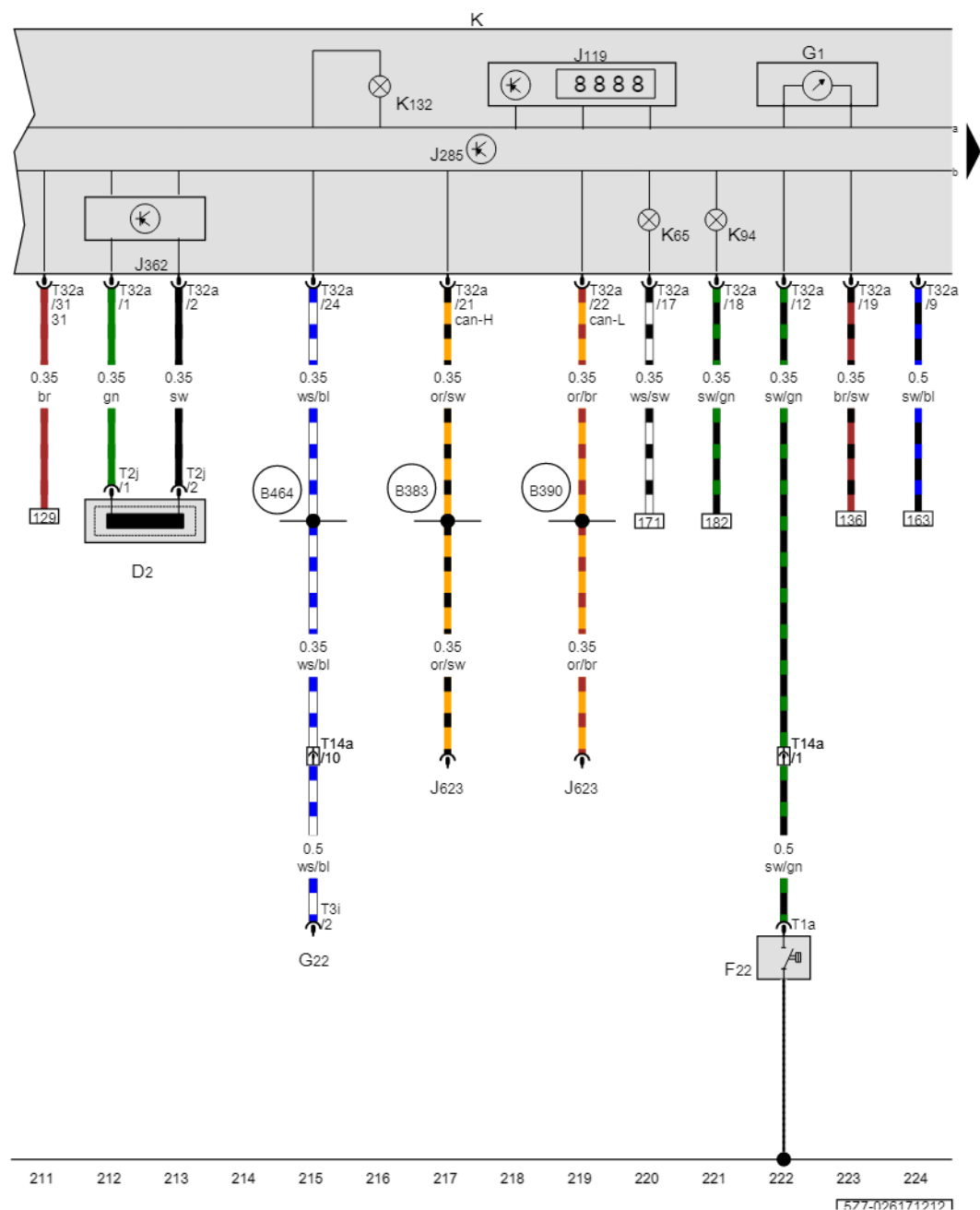
1577-008151212

Fresh air blower switch, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T4v 4-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- V154 Fresh air and air recirculation flap control motor
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- L76 Connection (87), in air conditioning system wiring harness

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Immobiliser reader coil, Oil pressure switch, Fuel gauge, Multifunction indicator, Immobiliser control unit, Dash panel insert, Left turn signal warning lamp, Right turn signal warning lamp, Electronic power control fault lamp

- D2 Immobiliser reader coil
- F22 Oil pressure switch
- G1 Fuel gauge
- G22 Speedometer sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T2j 2-pin connector
- T3i 3-pin connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B464 Connection (speed signal), in main wiring harness

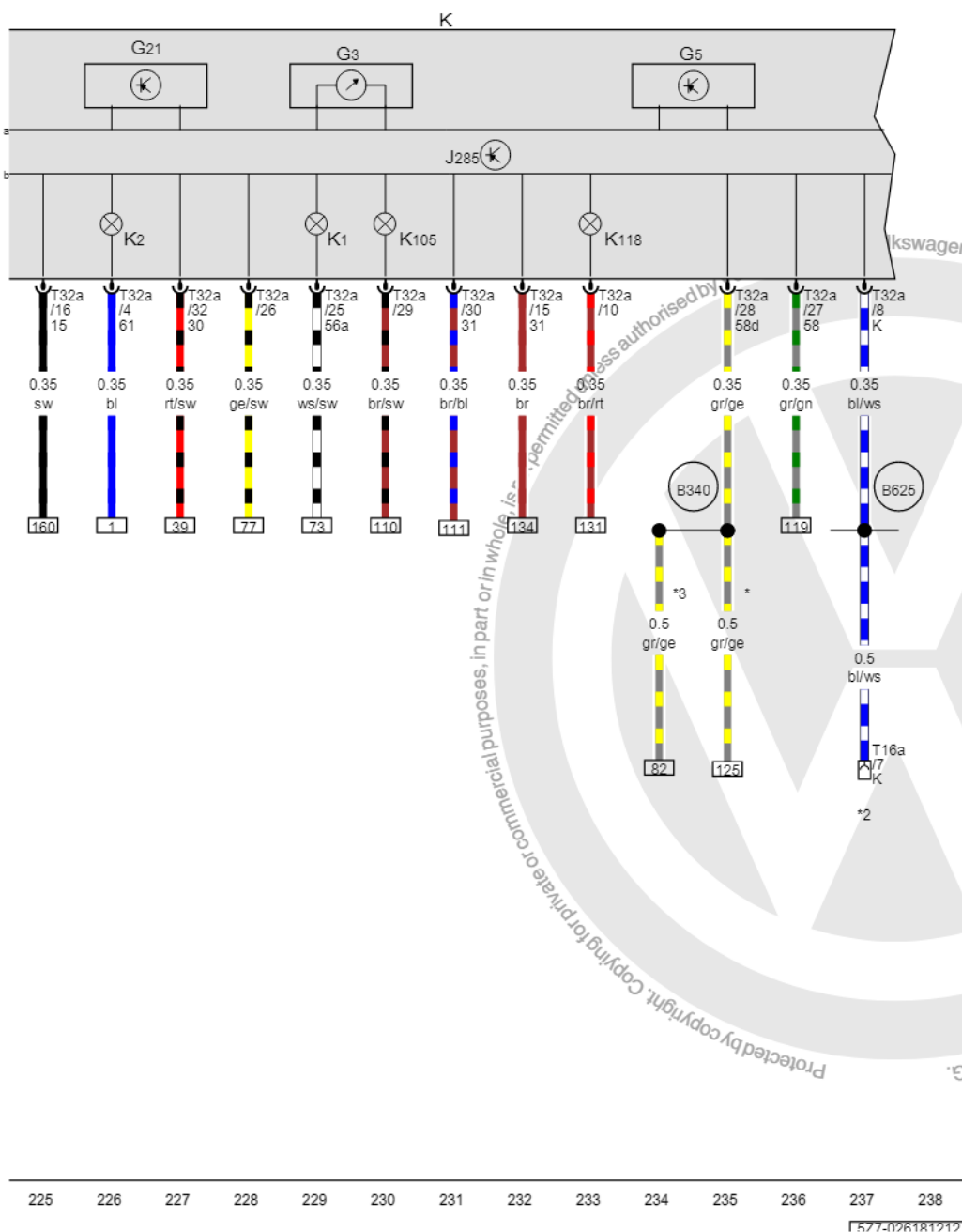
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 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp

- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- T16a 16-pin connector
- T32a 32-pin connector

- B340 Connection 1 (58d), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Only smoker version models
- \*2 Diagnostic connection
- \*3 Up to November 2012

- ws = white
- sw = black
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- br = brown
- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
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225 226 227 228 229 230 231 232 233 234 235 236 237 238

## Airbag systems

From April 2012

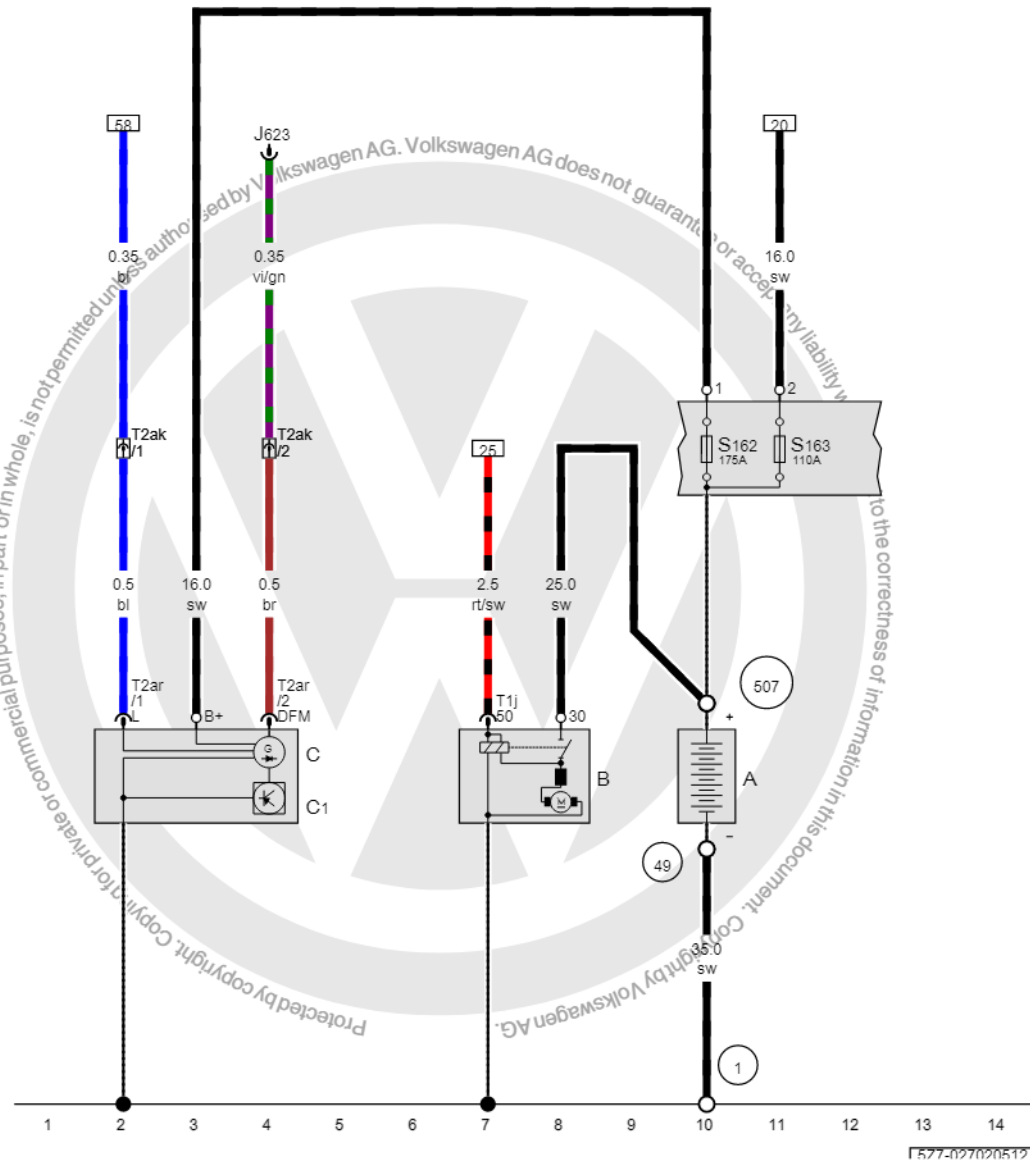


Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

- ws = white
- sw = black
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
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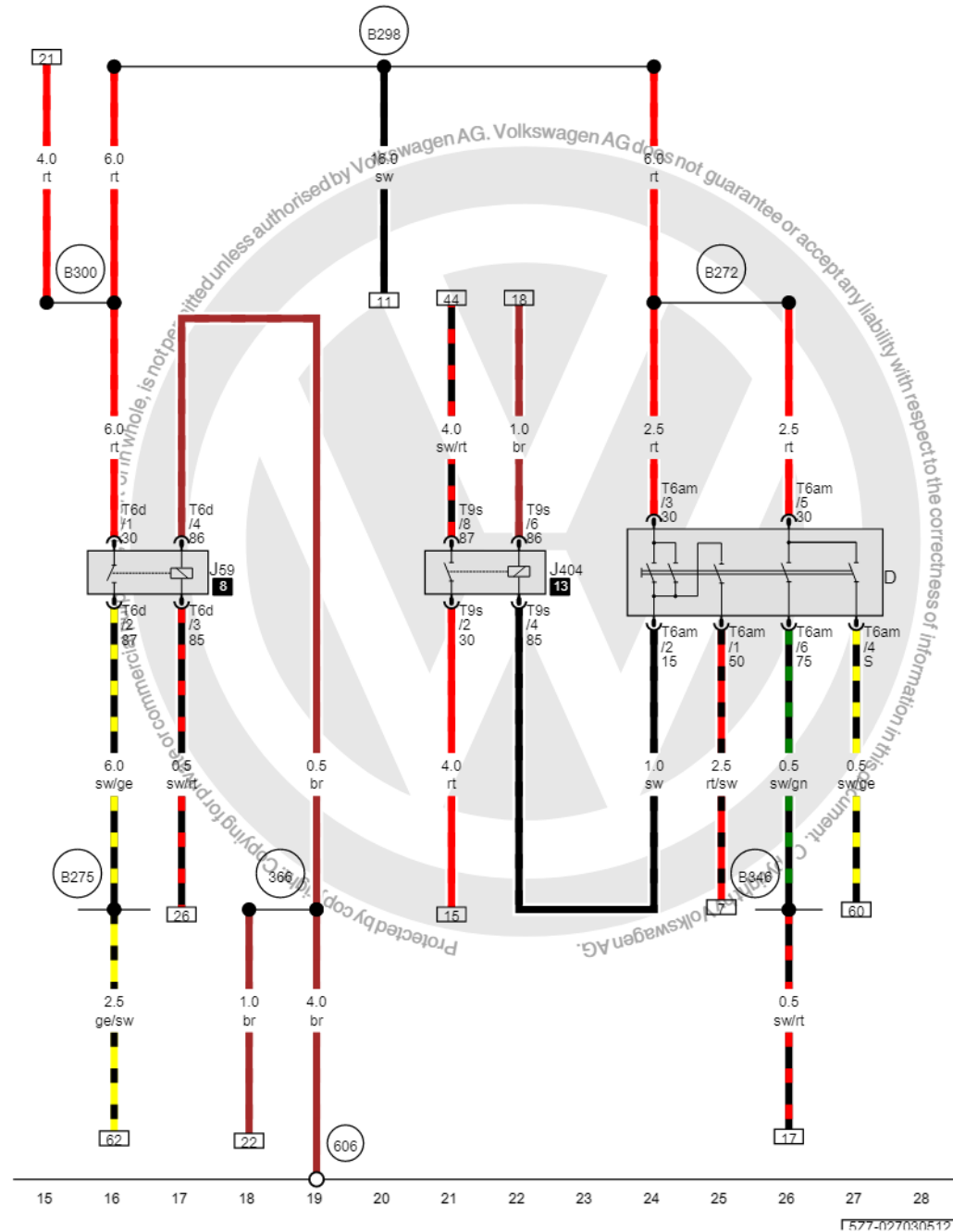




Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

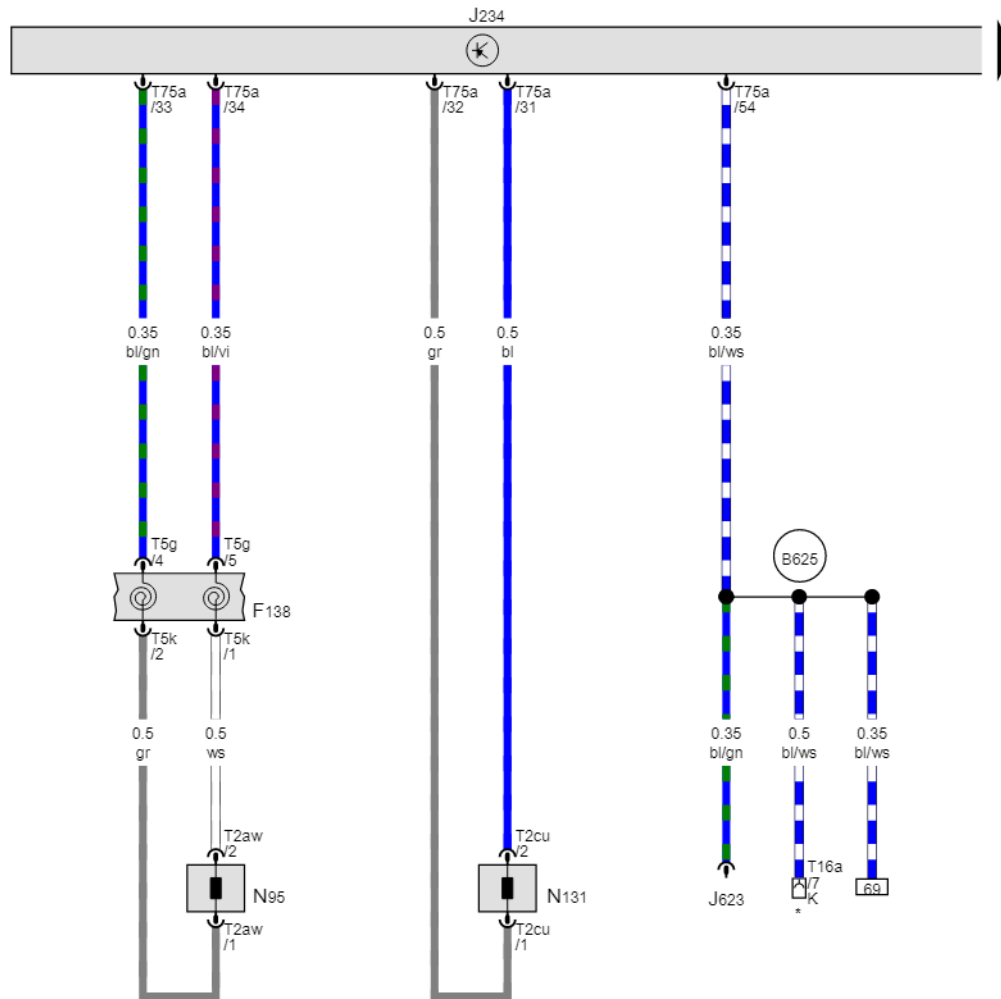
- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- (366) Earth connection 1, in main wiring harness
- (606) Earth point, under the centre console near gear stick
- (B272) Positive connection (30), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness



Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1

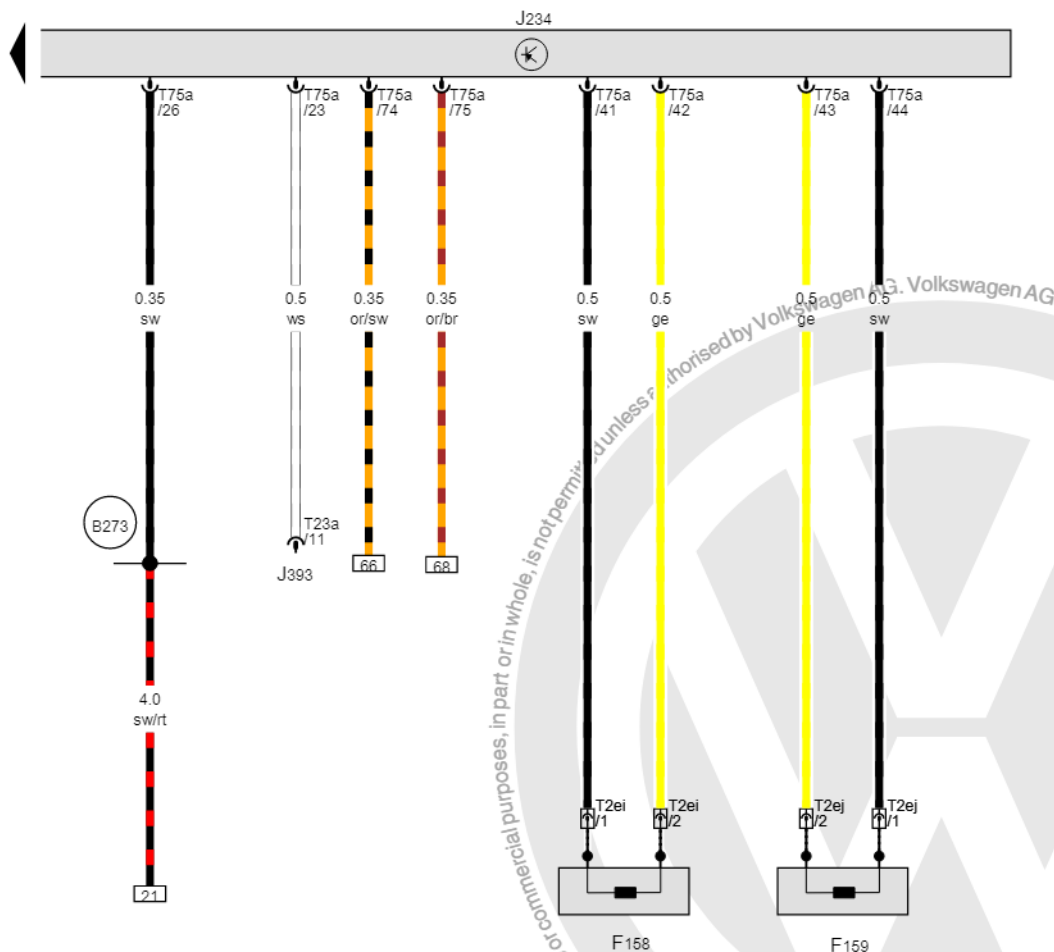
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J623 Engine control unit
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- T2aw 2-pin connector
- T2cu 2-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T16a 16-pin connector
- T75a 75-pin connector
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection



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- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit

- F158 Belt tensioner switch 1
- F159 Belt tensioner switch 2
- J234 Airbag control unit
- J393 Convenience system central control unit
- T2ei 2-pin connector
- T2ej 2-pin connector
- T23a 23-pin connector
- T75a 75-pin connector
- (B273) Positive connection (15), in main wiring harness

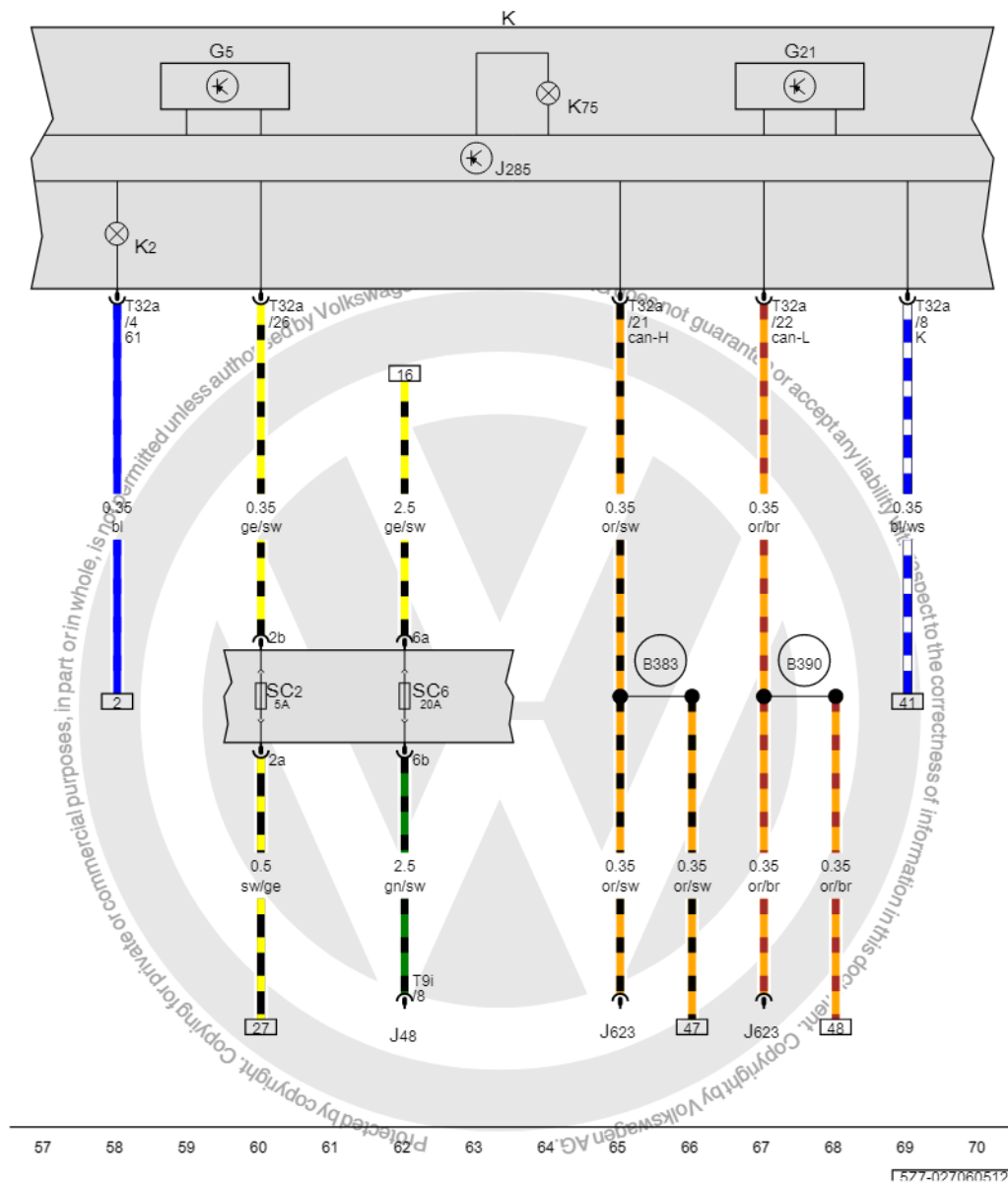


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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Airbag warning lamp

- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K75 Airbag warning lamp
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T9i 9-pin connector
- T32a 32-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



## Fog light

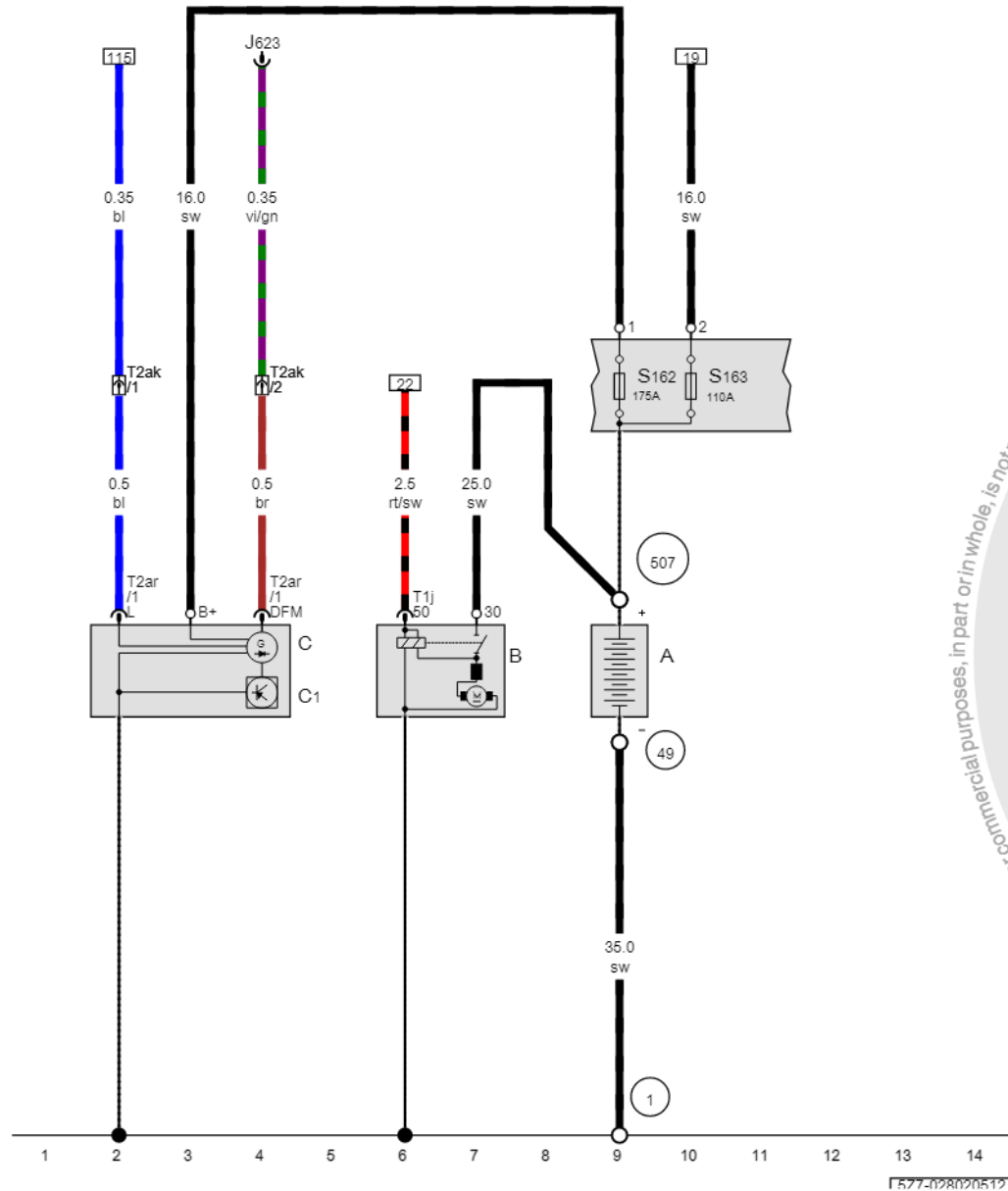
From April 2012



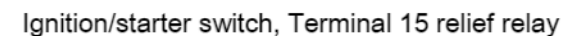
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near battery
- 507 Threaded connection (30), on battery fuse holder

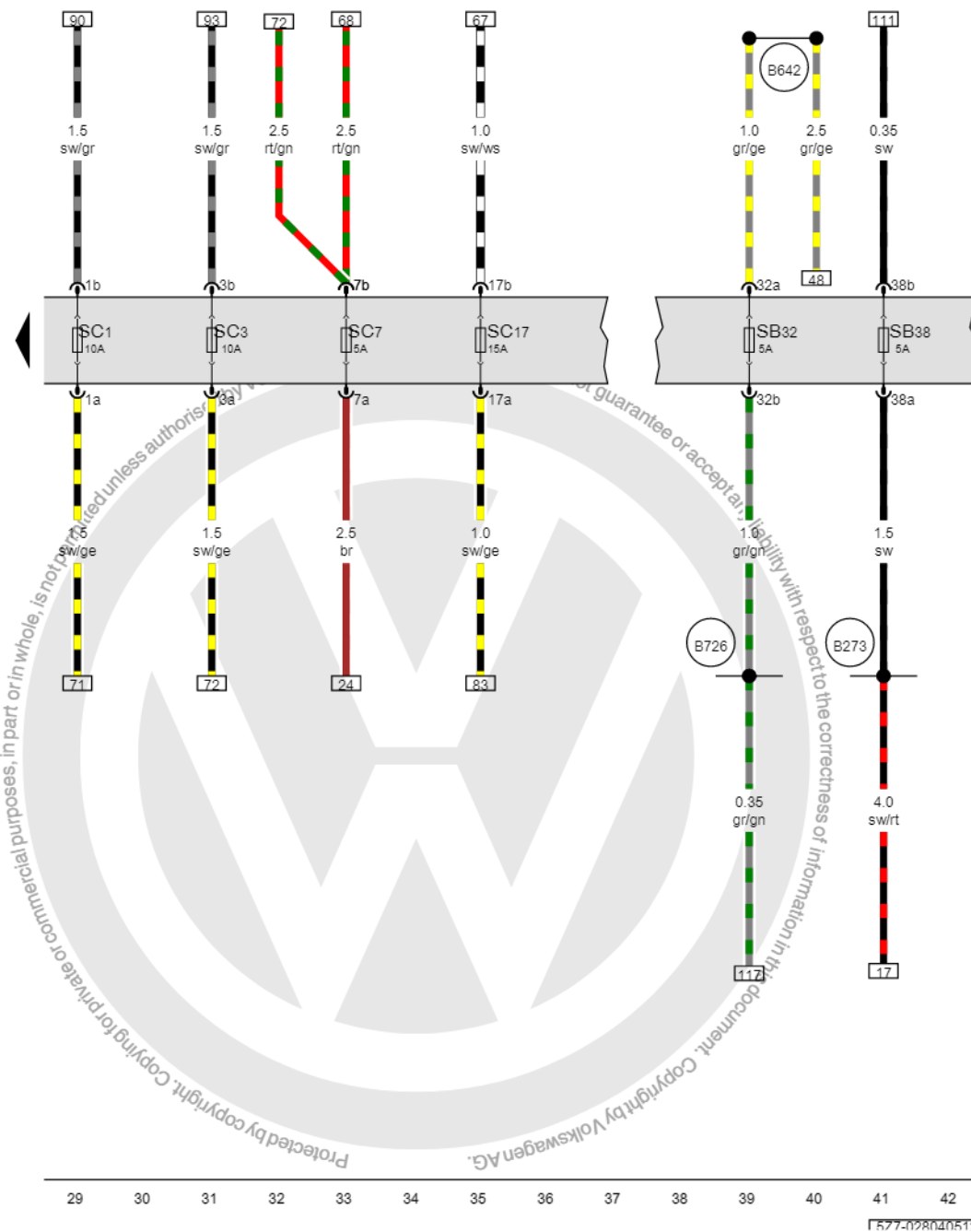


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- |      |  |
|------|--|
| D    | Ignition/starter switch                            |
| J12  | Headlight main beam relay                          |
| J331 | Dipped beam relay                                  |
| J404 | Terminal 15 relief relay                           |
| SC2  | Fuse 2 on fuse holder C                            |
| T6am | 6-pin connector                                    |
| T9a  | 9-pin connector                                    |
| T9b  | 9-pin connector                                    |
| T9s  | 9-pin connector                                    |
| B272 | Positive connection (30) in main wiring harness    |
| B298 | Positive connection 2 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness          |

ws = white  
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gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink



Fuse 1 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 17 on fuse holder C, Fuse 32 on fuse holder B, Fuse 38 on fuse holder B

- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SB32 Fuse 32 on fuse holder B
- SB38 Fuse 38 on fuse holder B

- B273 Positive connection (15), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

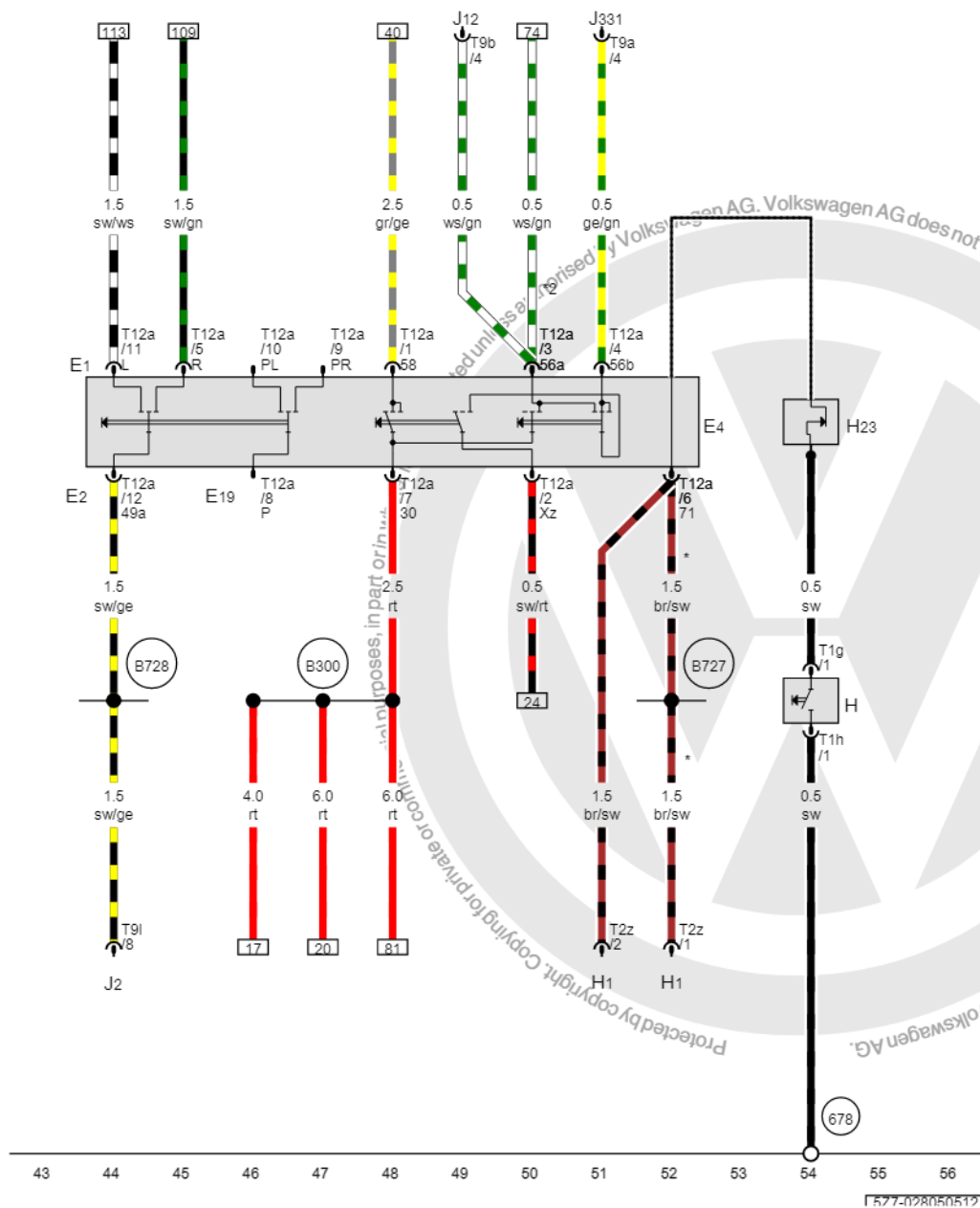


Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- J2 Hazard warning light relay
- J12 Headlight main beam relay
- J331 Dipped beam relay
- T1g Single connector
- T1h Single connector
- T2z 2-pin connector
- T9a 9-pin connector
- T9b 9-pin connector
- T9l 9-pin connector
- T12a 12-pin connector

- 678 Earth point, on steering wheel
- B300 Positive connection 4 (30), in main wiring harness
- B727 Connection (71a), in main wiring harness
- B728 Connection (49a), in main wiring harness
- \* Only models with multifunction steering wheel
- \*2 Only CROSS models

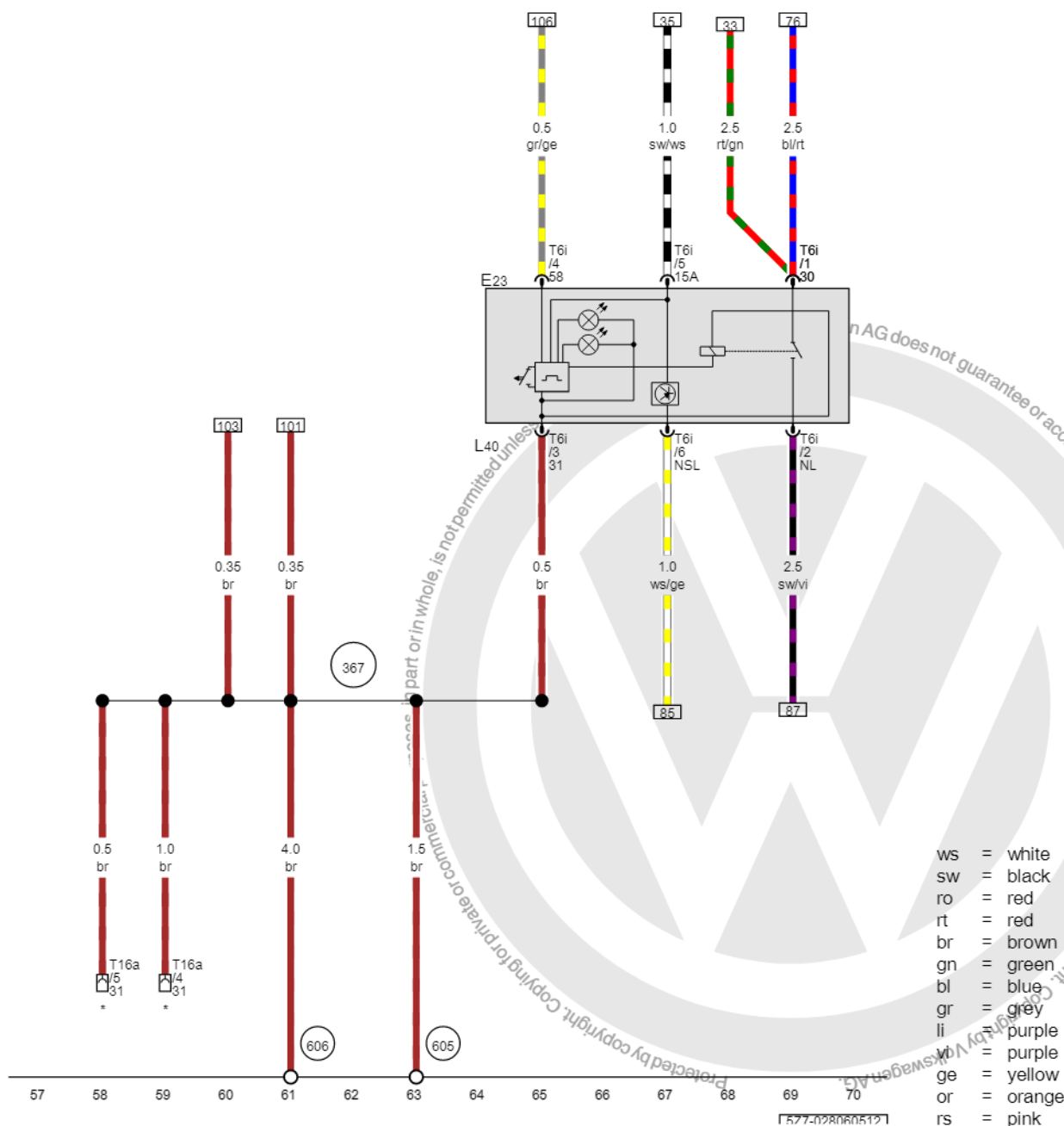
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Front and rear fog light switch, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch  
L40 Front and rear fog light switch illumination bulb  
T6i 6-pin connector  
T16a 16-pin connector

- 367 Earth connection 2, in main wiring harness  
605 Earth point, on top end of steering column  
606 Earth point, under the centre console near gear stick  
\* Diagnostic connection

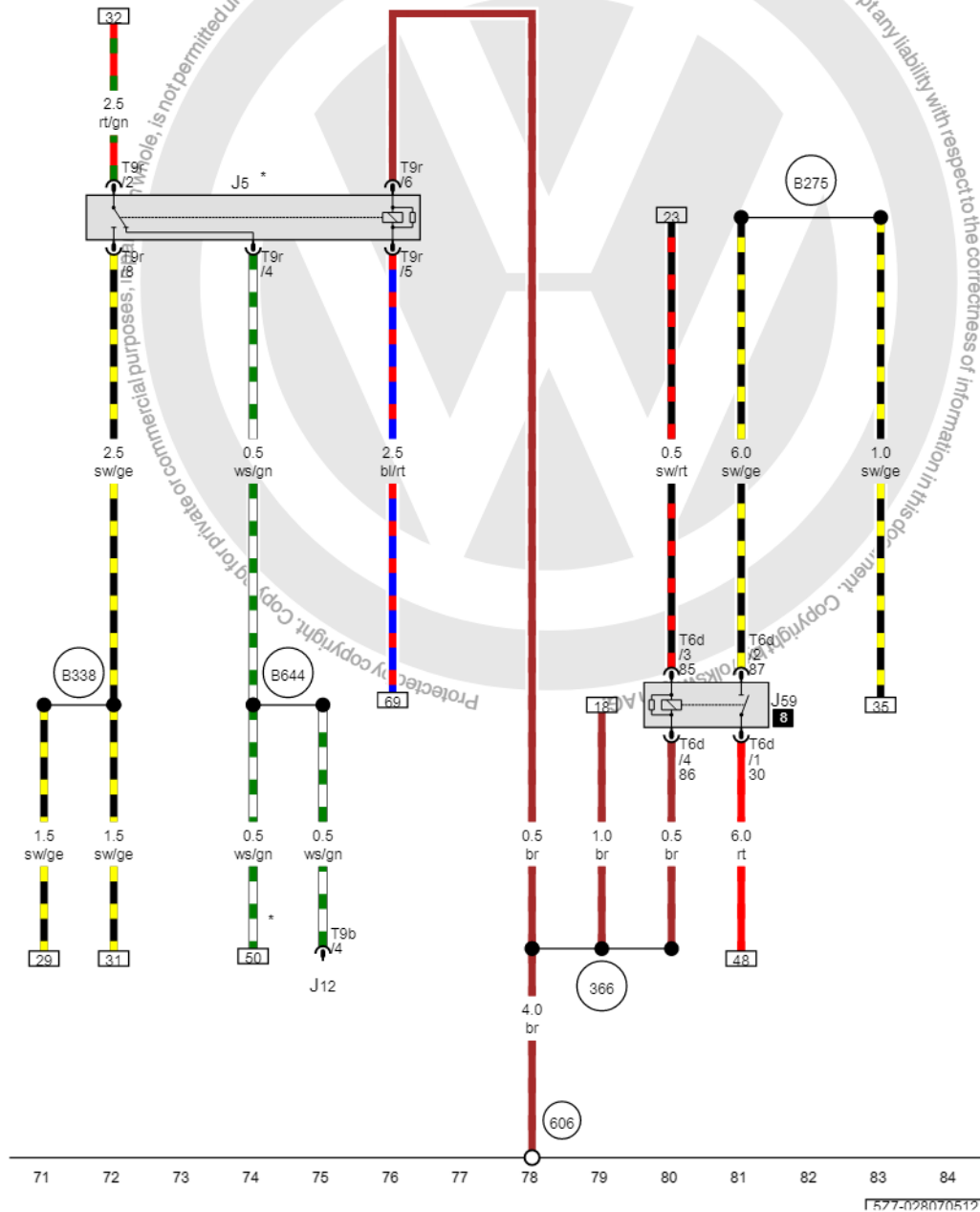


Fog light relay, X-contact relief relay

- J5 Fog light relay
- J12 Headlight main beam relay
- J59 X-contact relief relay
- T6d 6-pin connector
- T9b 9-pin connector
- T9r 9-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B338 Connection 1 (56), in main wiring harness
- B644 Connection 3 (56a), in main wiring harness

\* Only CROSS models

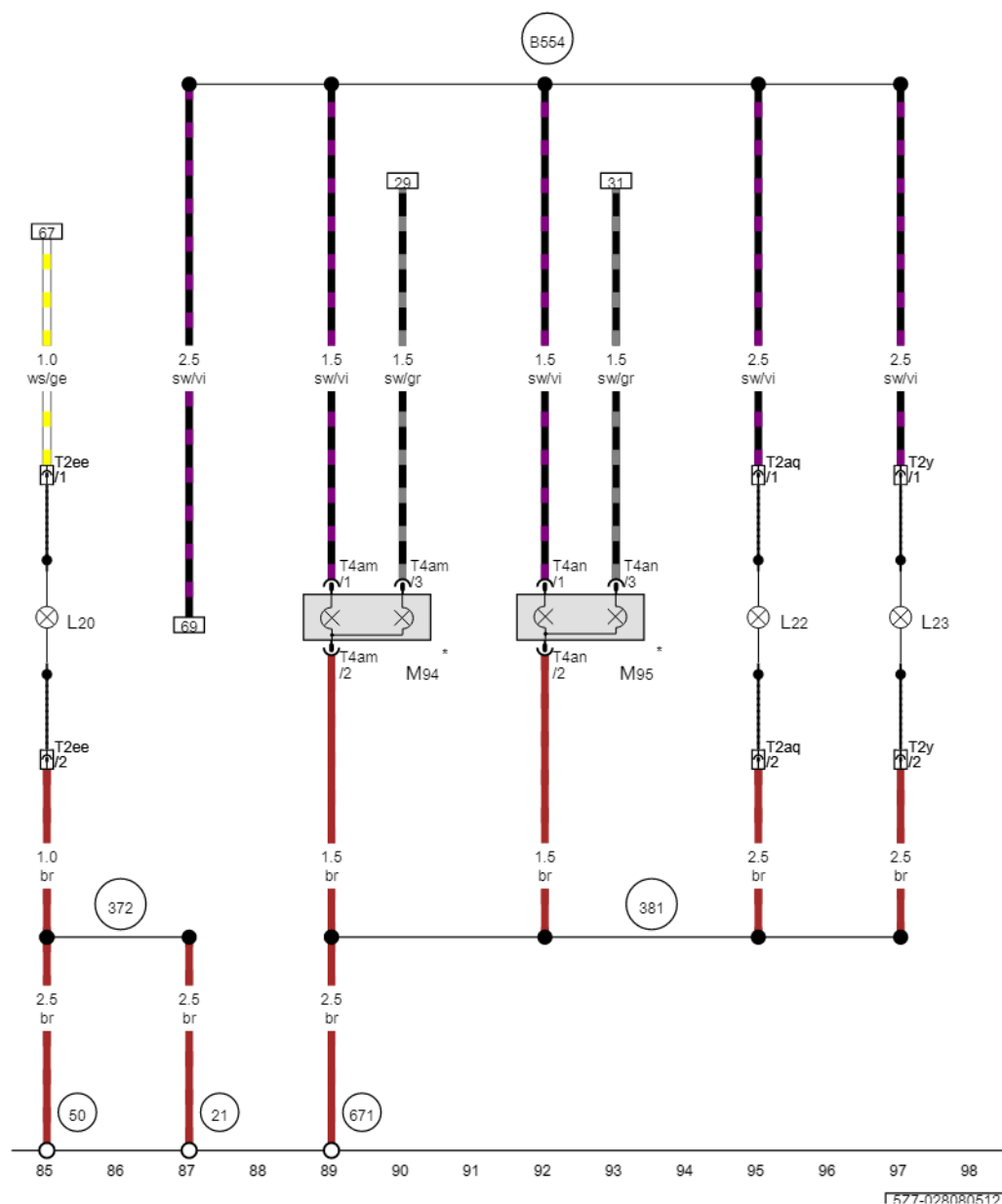


Rear fog light bulb, Left fog light bulb, Right fog light bulb,  
Left main beam headlight and fog light bulb, Right main  
beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2ee 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

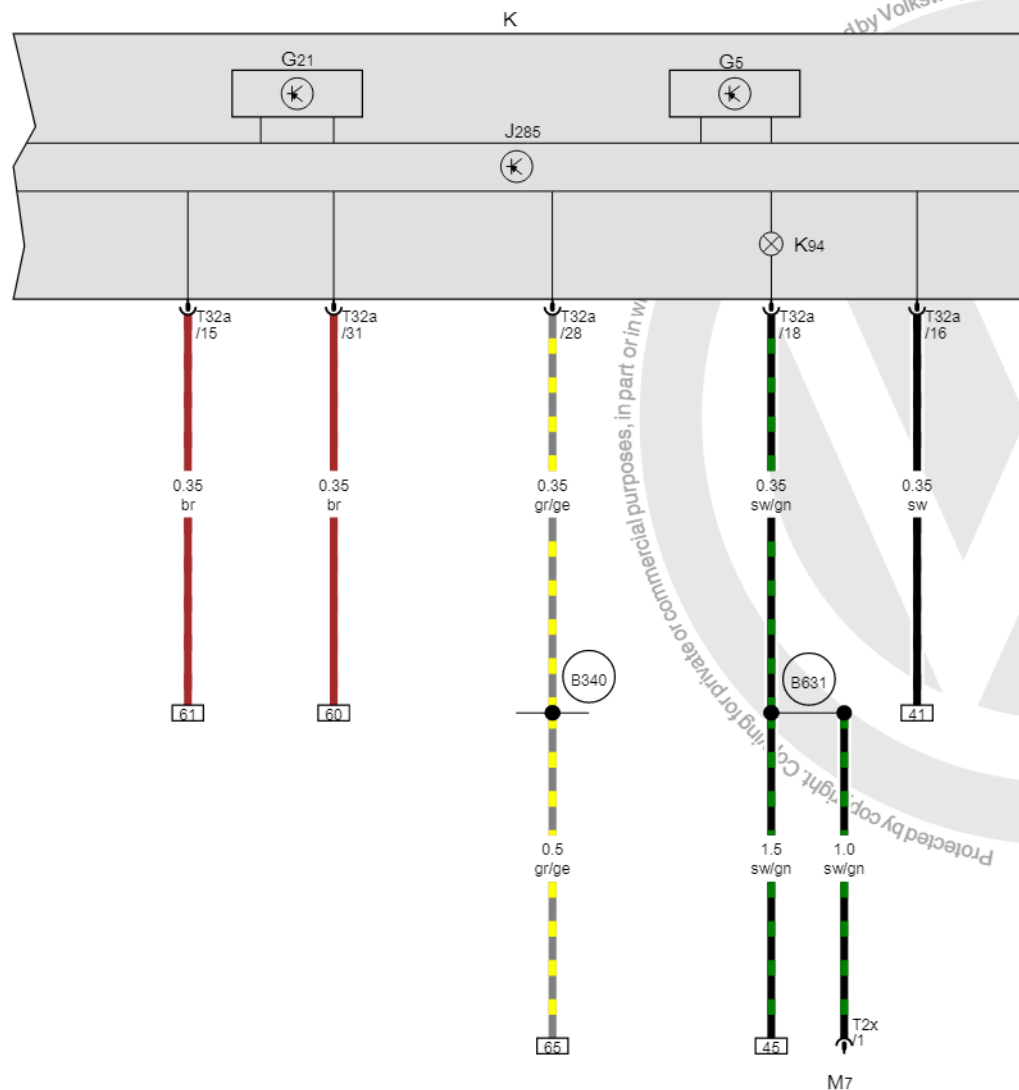
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness
- \* Only CROSS models

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- ro = red
- rt = red
- br = brown
- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Right turn signal warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K94 Right turn signal warning lamp
- M7 Front right turn signal bulb
- T2x 2-pin connector
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness



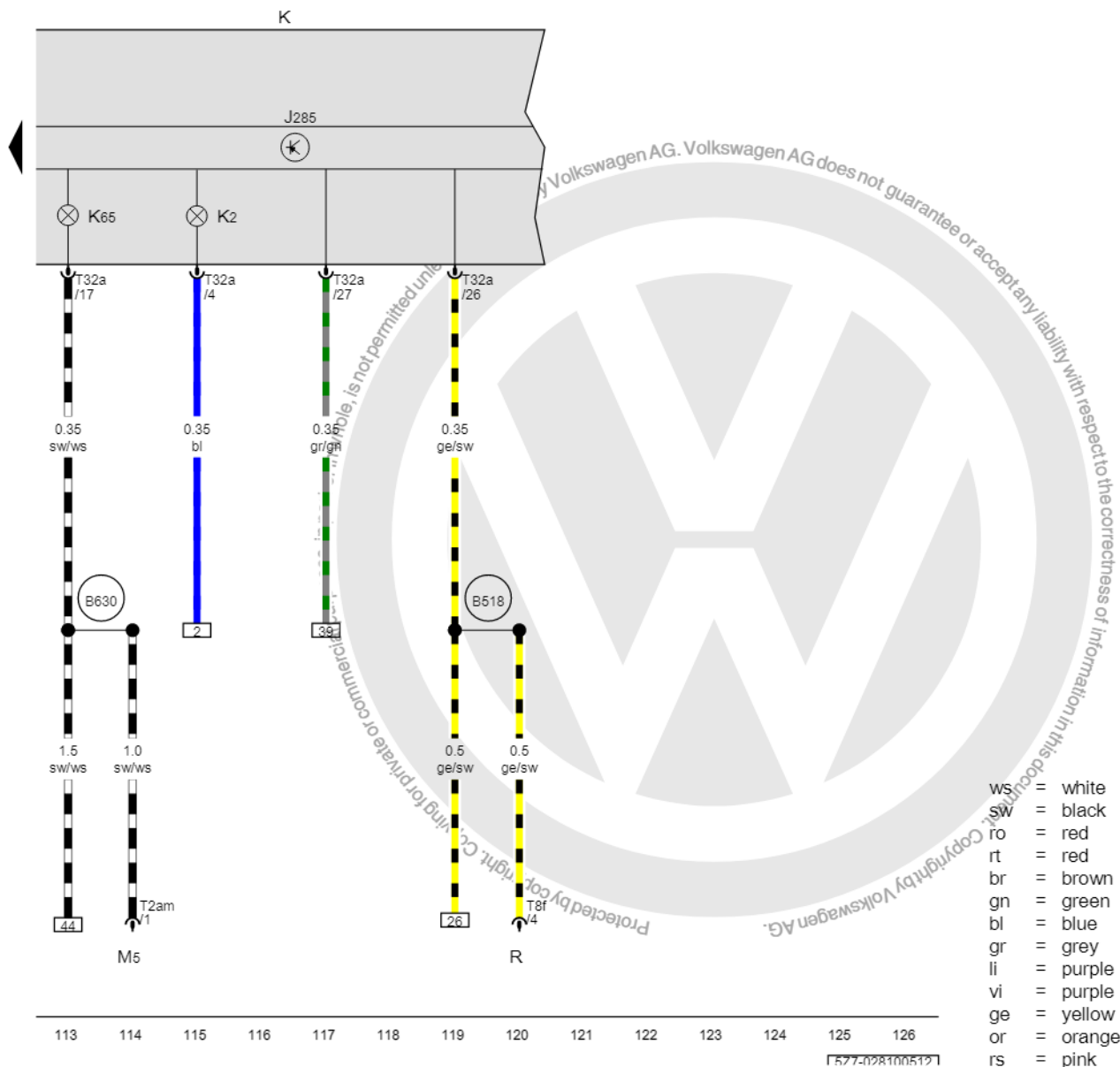
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp

- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- M5 Front left turn signal bulb
- R Radio
- T2am 2-pin connector
- T8f 8-pin connector
- T32a 32-pin connector

B518 Connection (86s), in main wiring harness

B630 Positive connection (left turn signal bulb), in main wiring harness



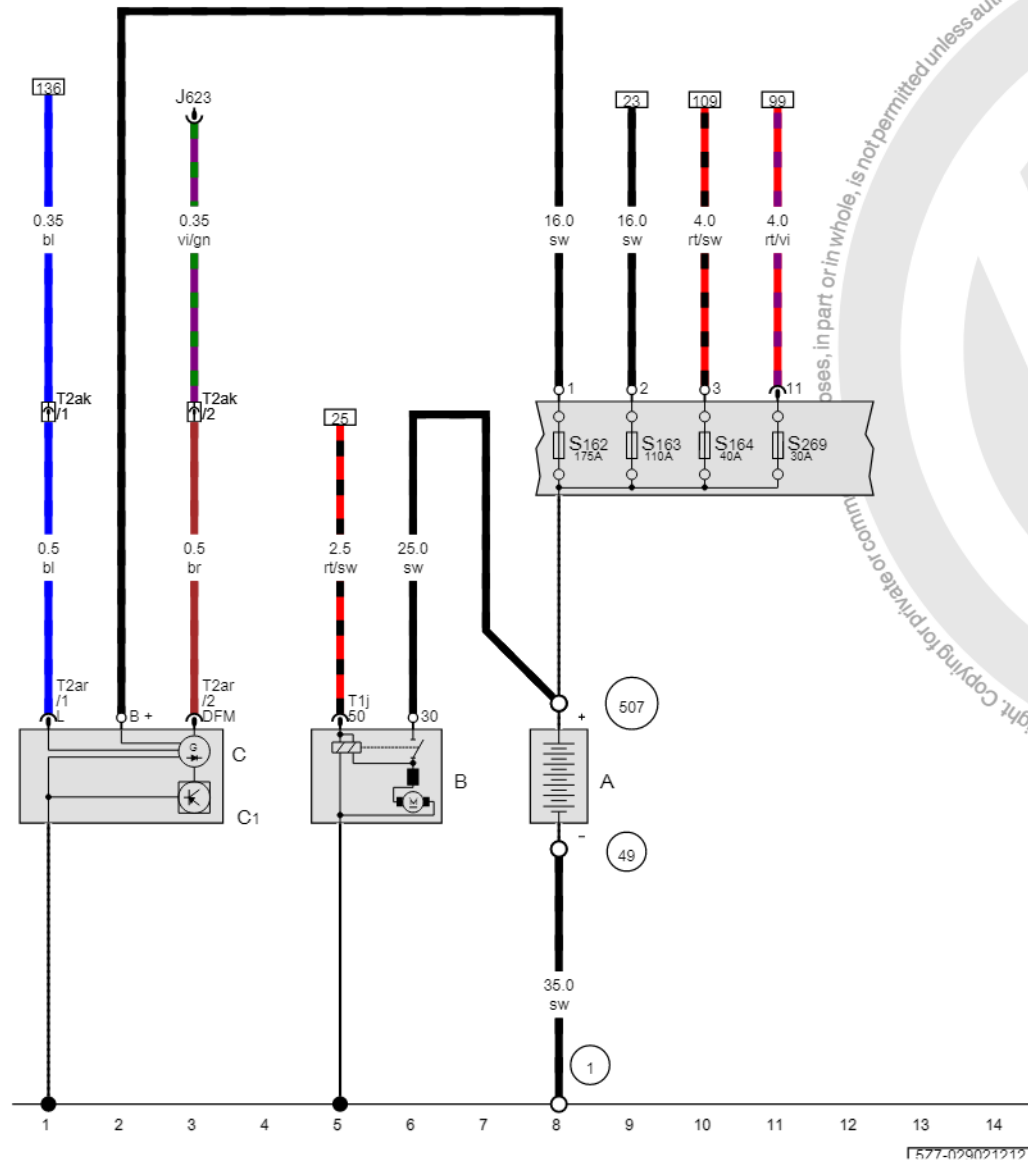
## Air conditioning system

From April 2012



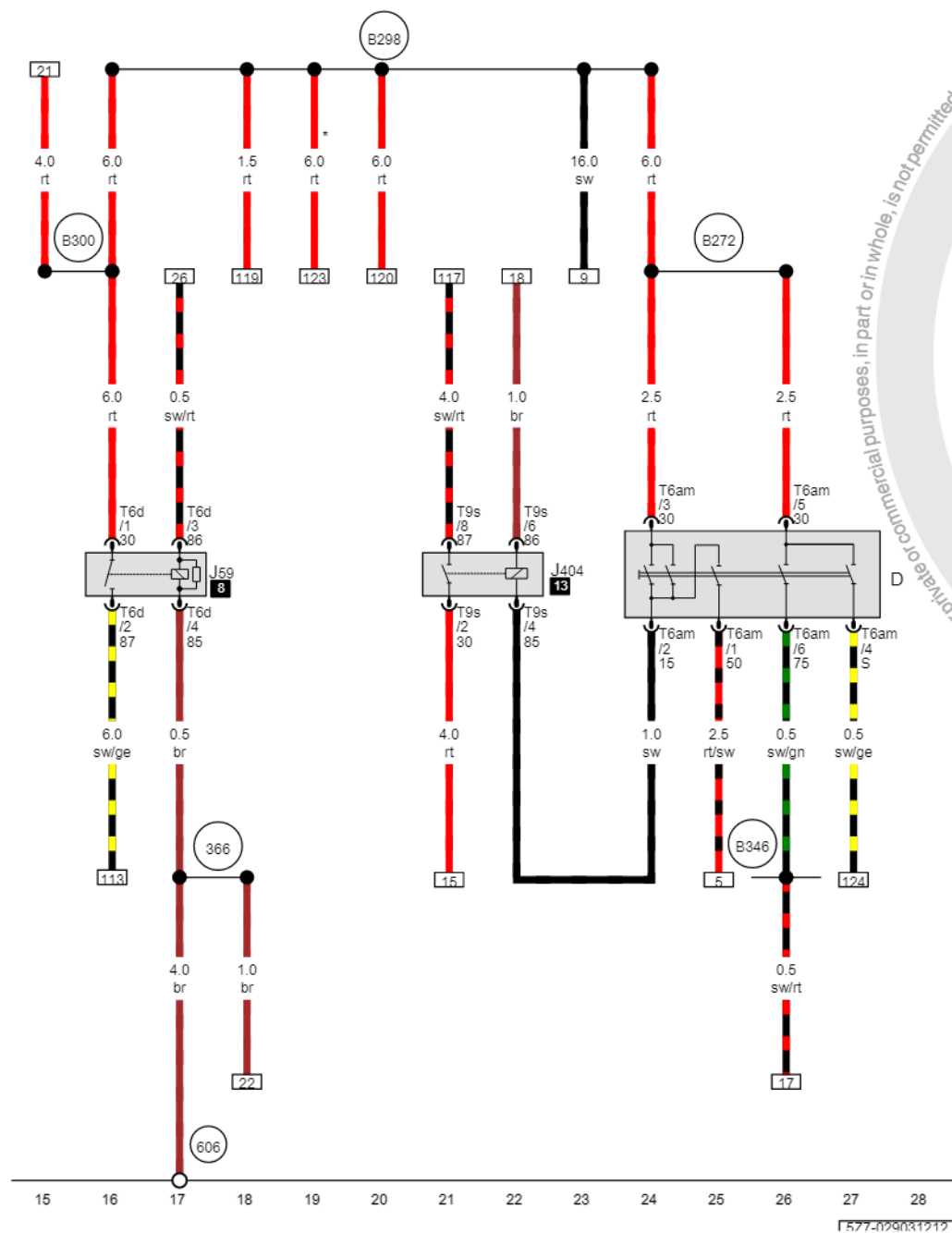
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- |      |   |
|------|---|
| D    | Ignition/starter switch                               |
| J59  | X-contact relief relay                                |
| J404 | Terminal 15 relief relay                              |
| T6am | 6-pin connector                                       |
| T6d  | 6-pin connector                                       |
| T9s  | 9-pin connector                                       |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness      |
| B298 | Positive connection 2 (30), in main wiring harness    |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B346 | Connection 1 (75), in main wiring harness             |
| *    | For models with convenience system                    |

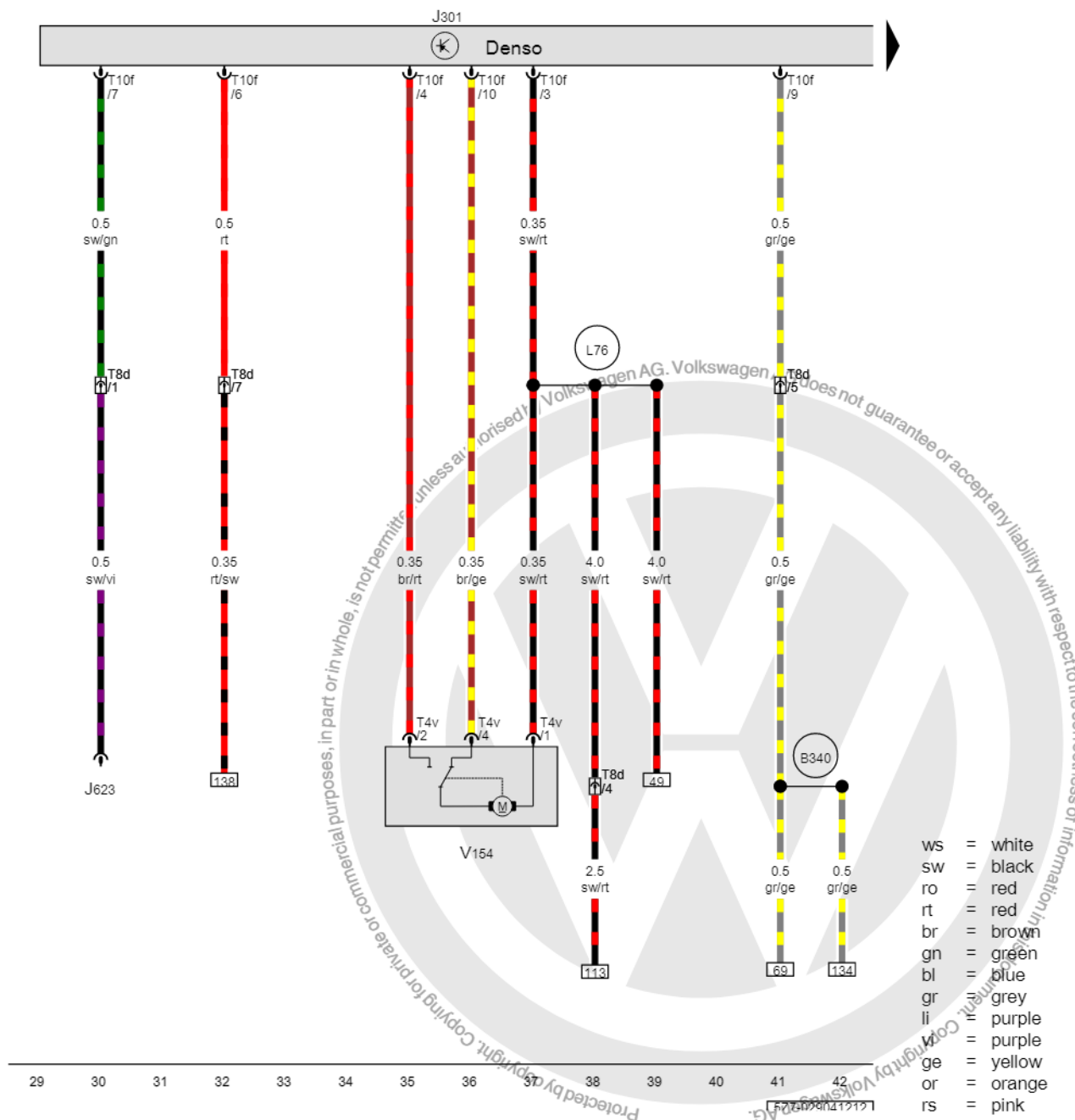
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or = orange  
rs = pink

Air conditioning system control unit, Fresh air and air recirculation flap control motor

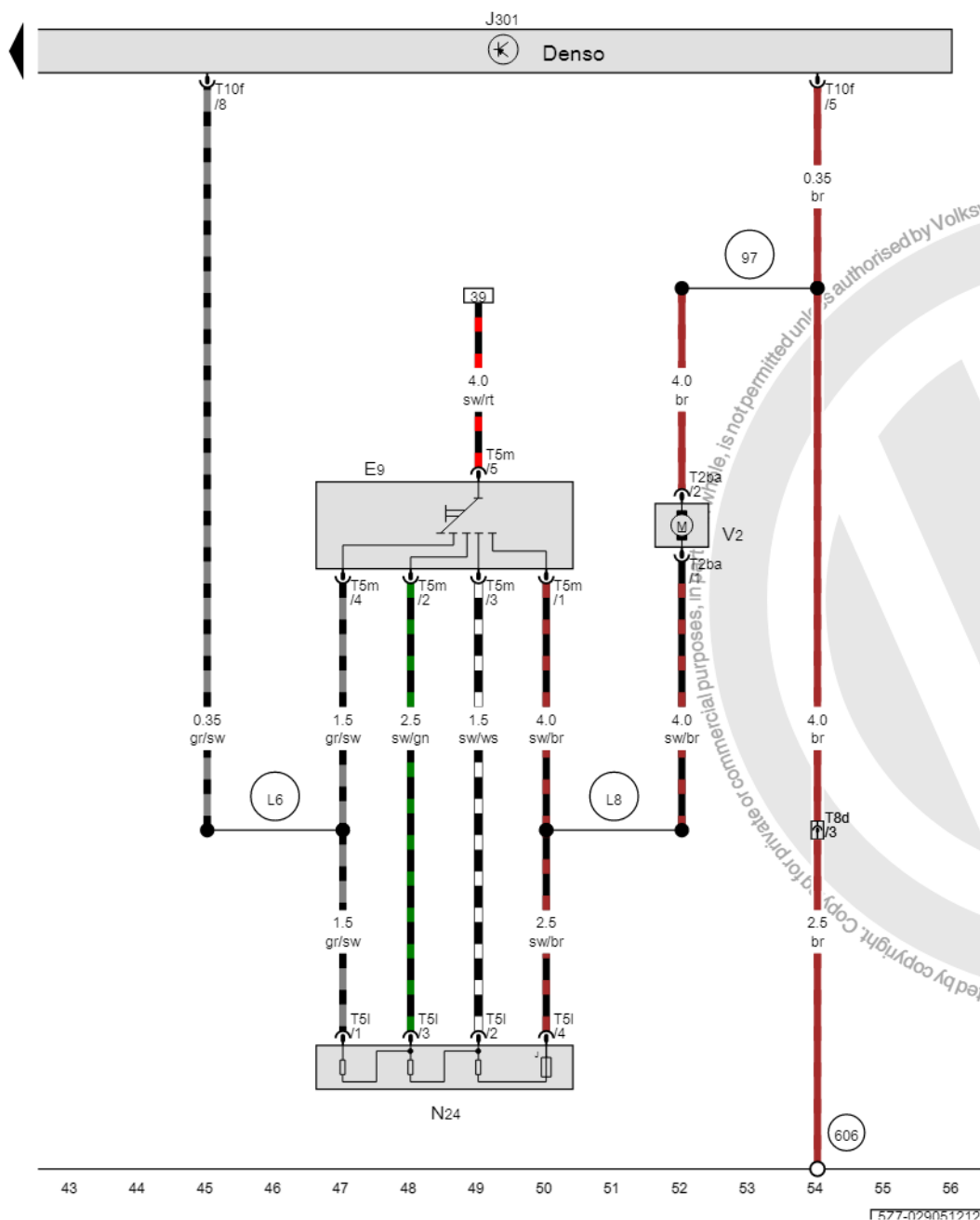
- J301 Air conditioning system control unit  
 J623 Engine control unit  
 T4v 4-pin connector  
 T8d 8-pin connector, behind dash panel, centre  
 T10f 10-pin connector  
 V154 Fresh air and air recirculation flap control motor

(B340) Connection 1 (58d), in main wiring harness

(L76) Connection (87), in air conditioning system wiring harness



Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

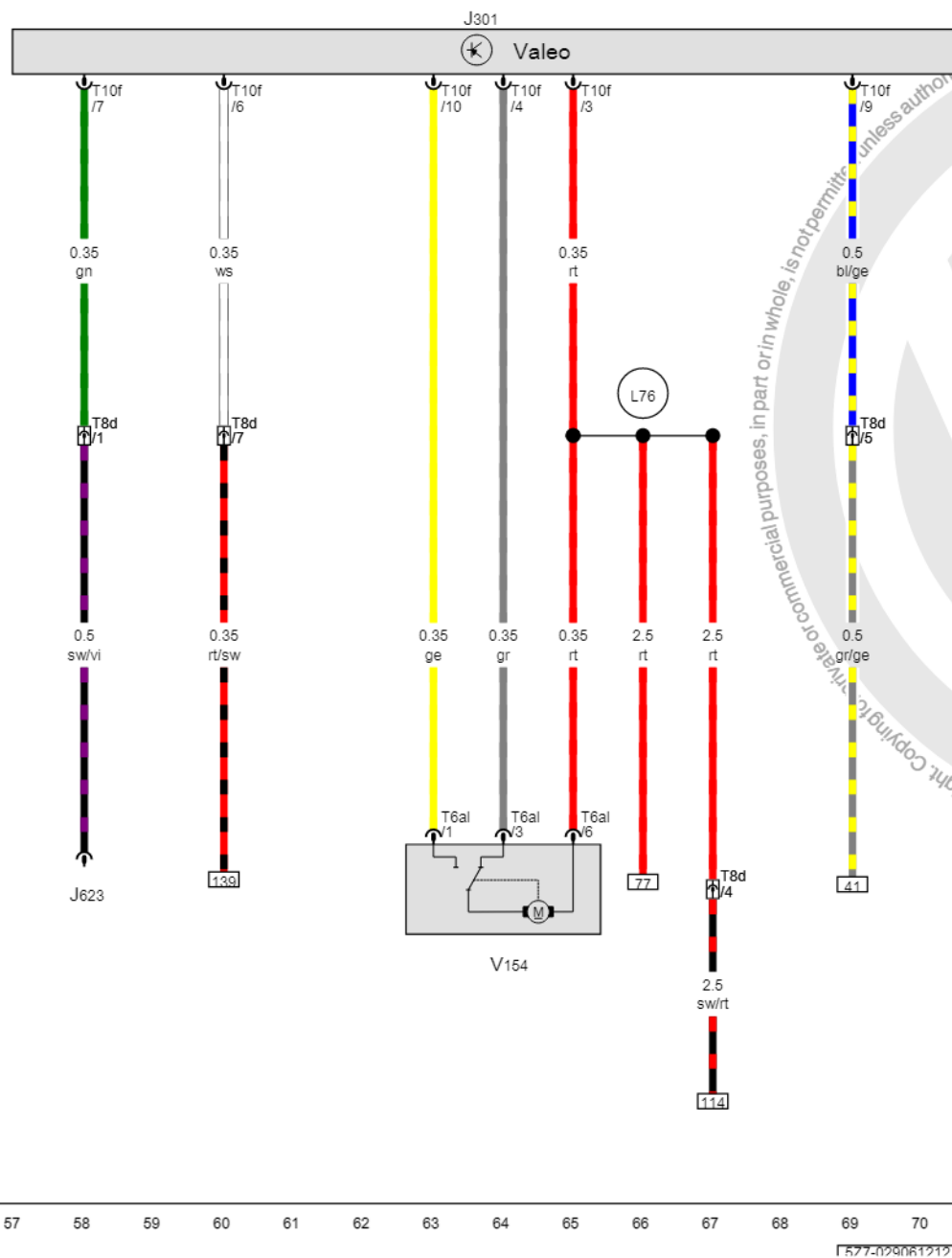


- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

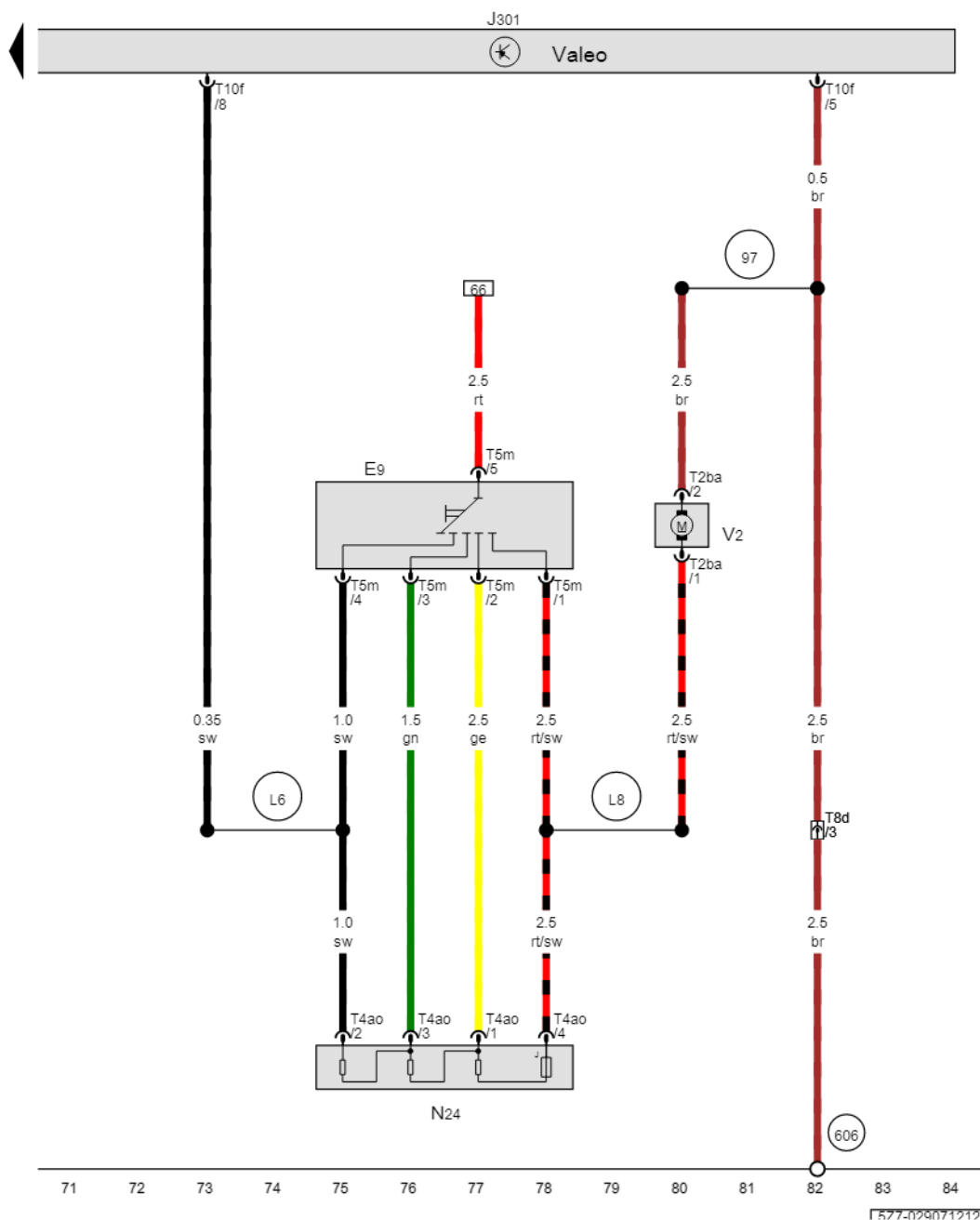
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 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Air conditioning system control unit, Fresh air and air recirculation flap control motor

- J301 Air conditioning system control unit
- J623 Engine control unit
- T6al 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V154 Fresh air and air recirculation flap control motor
- L76 Connection (87), in air conditioning system wiring harness

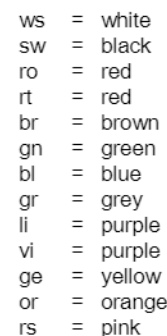


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- ge = yellow
- or = orange
- rs = pink



Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T4ao 4-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

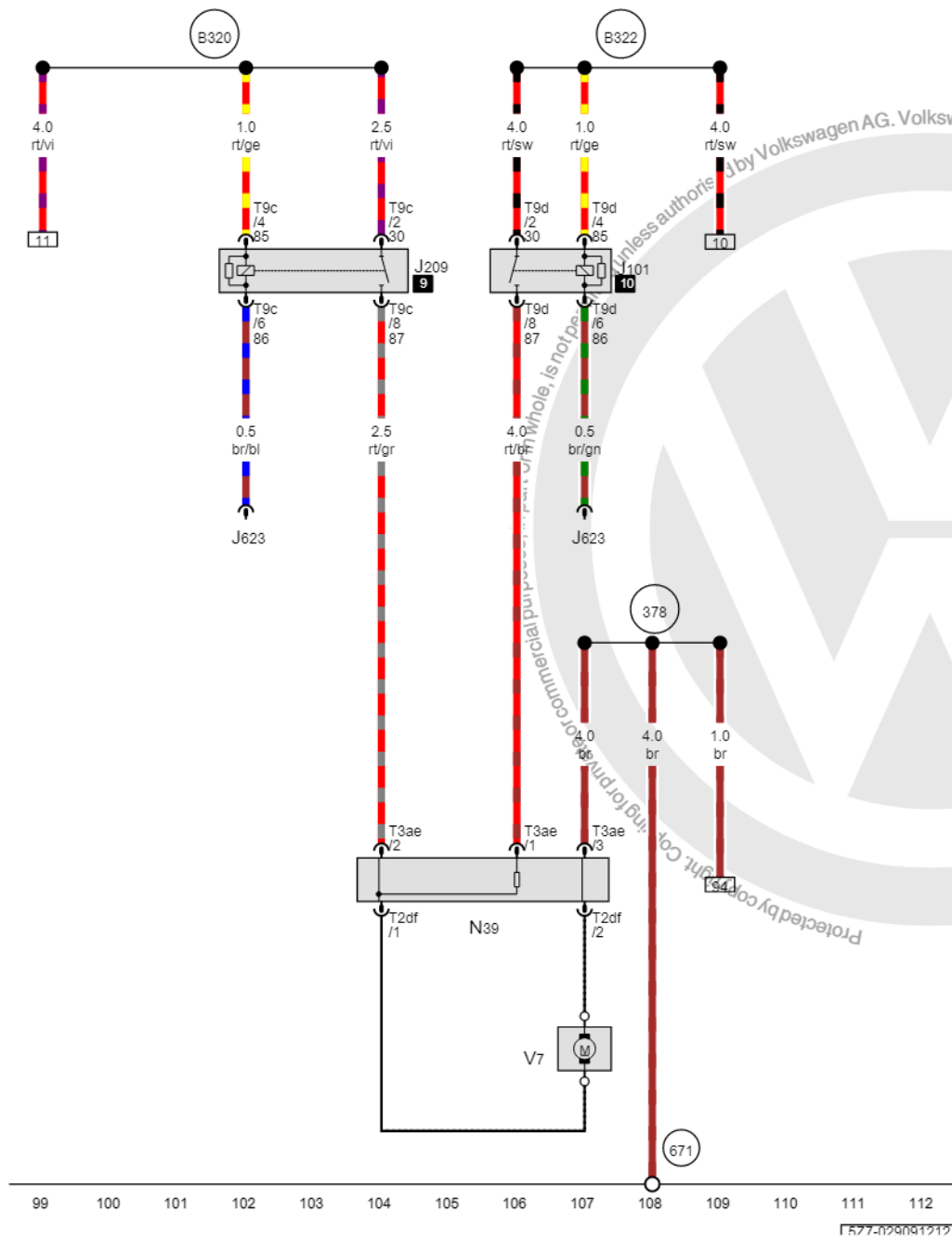


367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
B277	Positive connection 1 (15a) in main wiring harness
*	Diagnostic connection

Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan

- J101 Radiator fan 2nd speed relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9d 9-pin connector
- V7 Radiator fan

- 378 Earth connection 13, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B320 Positive connection 6 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness



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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 2 on fuse holder C, Fuse 15 on fuse holder C, Fuse 16 on fuse holder C, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

J393 Convenience system central control unit  
SC2 Fuse 2 on fuse holder C  
SC15 Fuse 15 on fuse holder C  
SC16 Fuse 16 on fuse holder C  
SB28 Fuse 28 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB42 Fuse 42 on fuse holder B  
T23a 23-pin connector

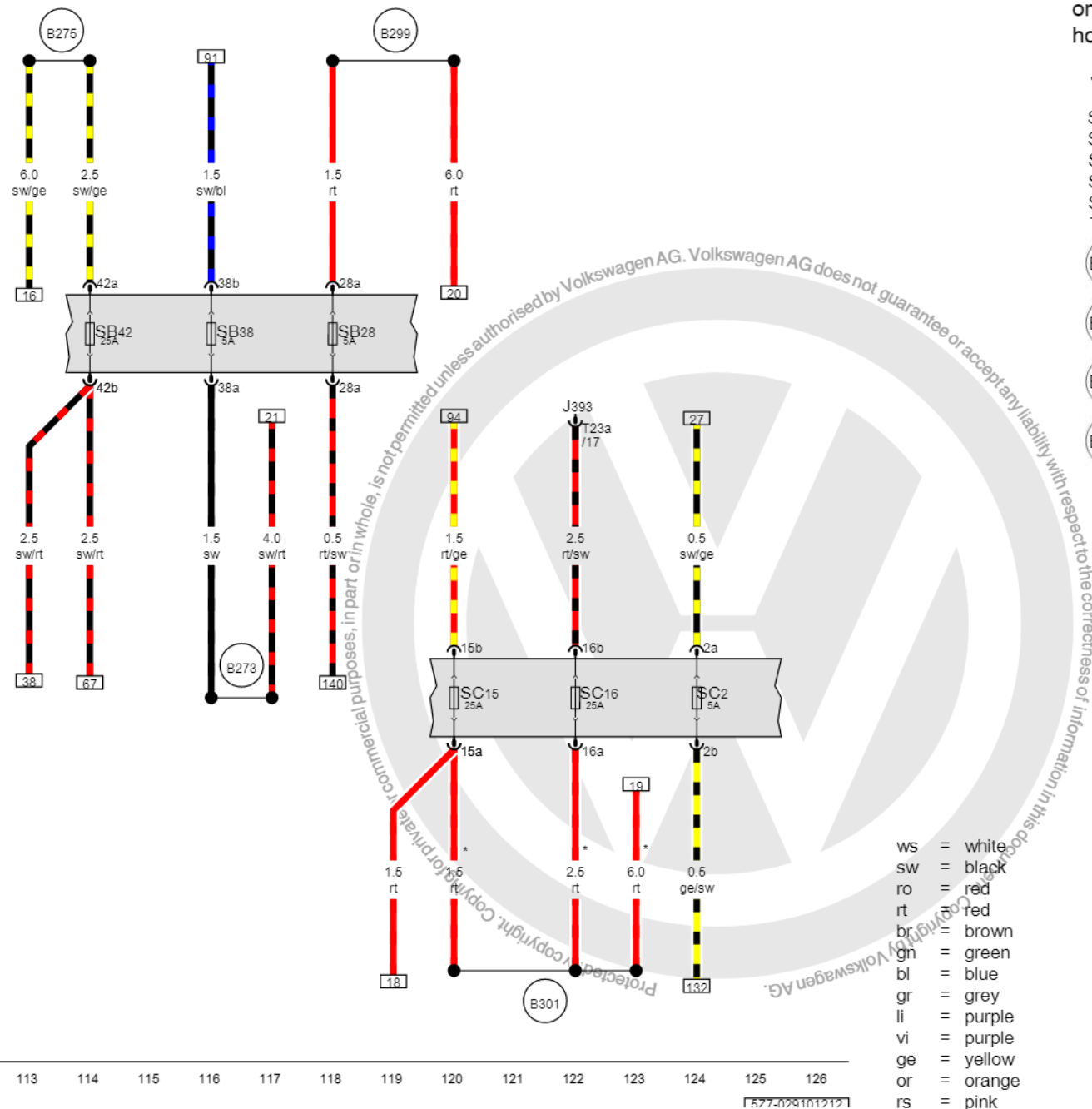
B273 Positive connection (15), in main wiring harness

B275 Positive connection (87), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

\* For models with convenience system

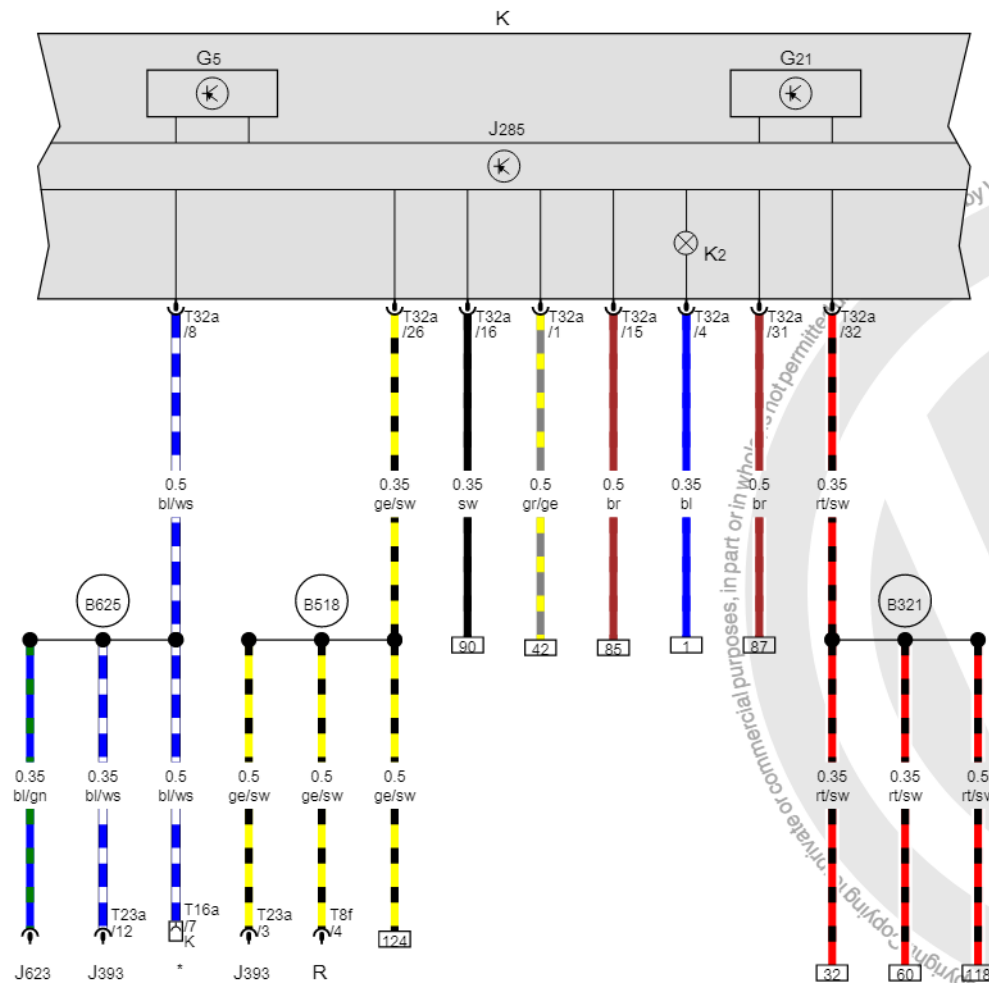




Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J393 Convenience system central control unit
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- T8f 8-pin connector
- T16a 16-pin connector
- T23a 23-pin connector
- T32a 32-pin connector

- B321 Positive connection (30a) in main wiring harness
- B518 Connection (86s), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection



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## Radio

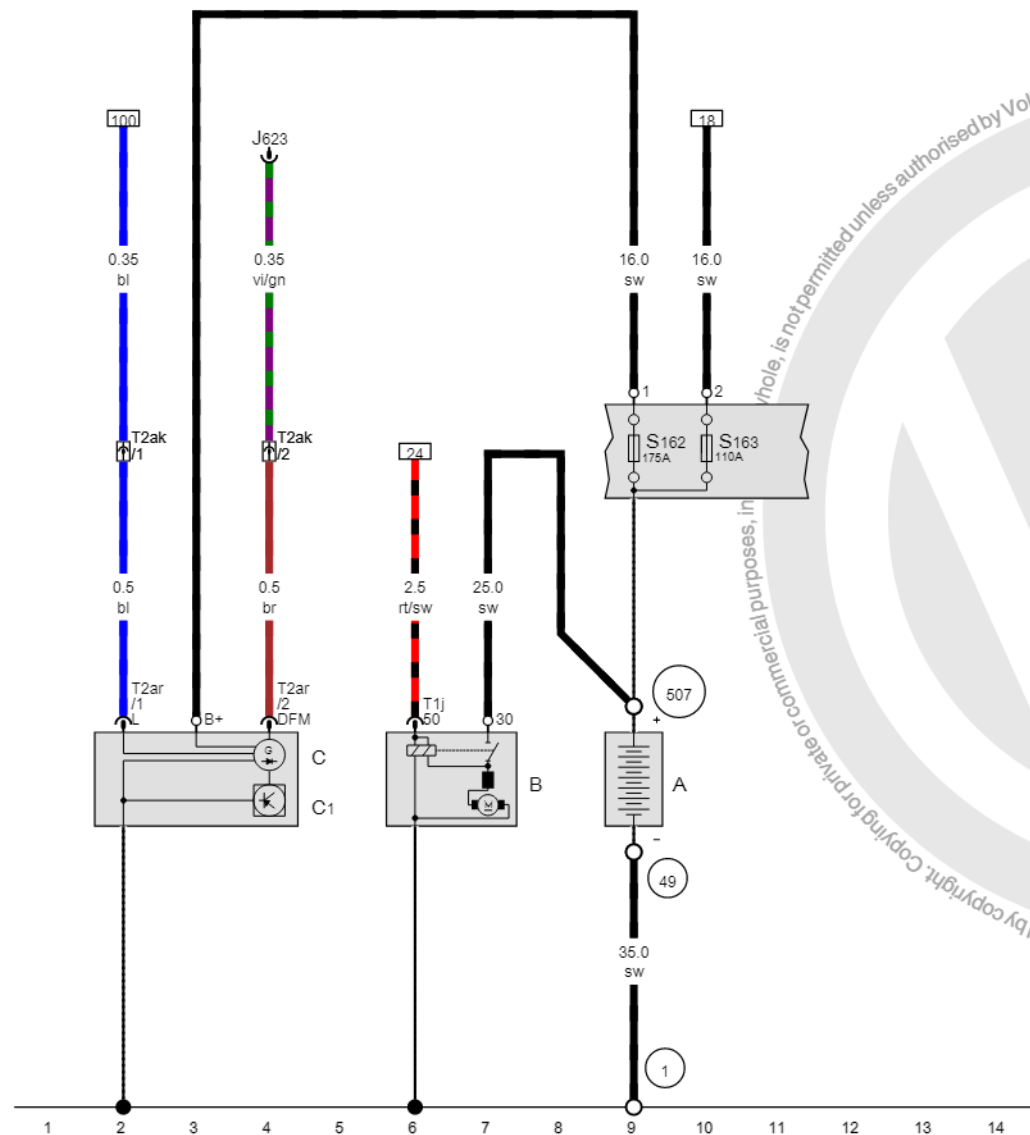
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

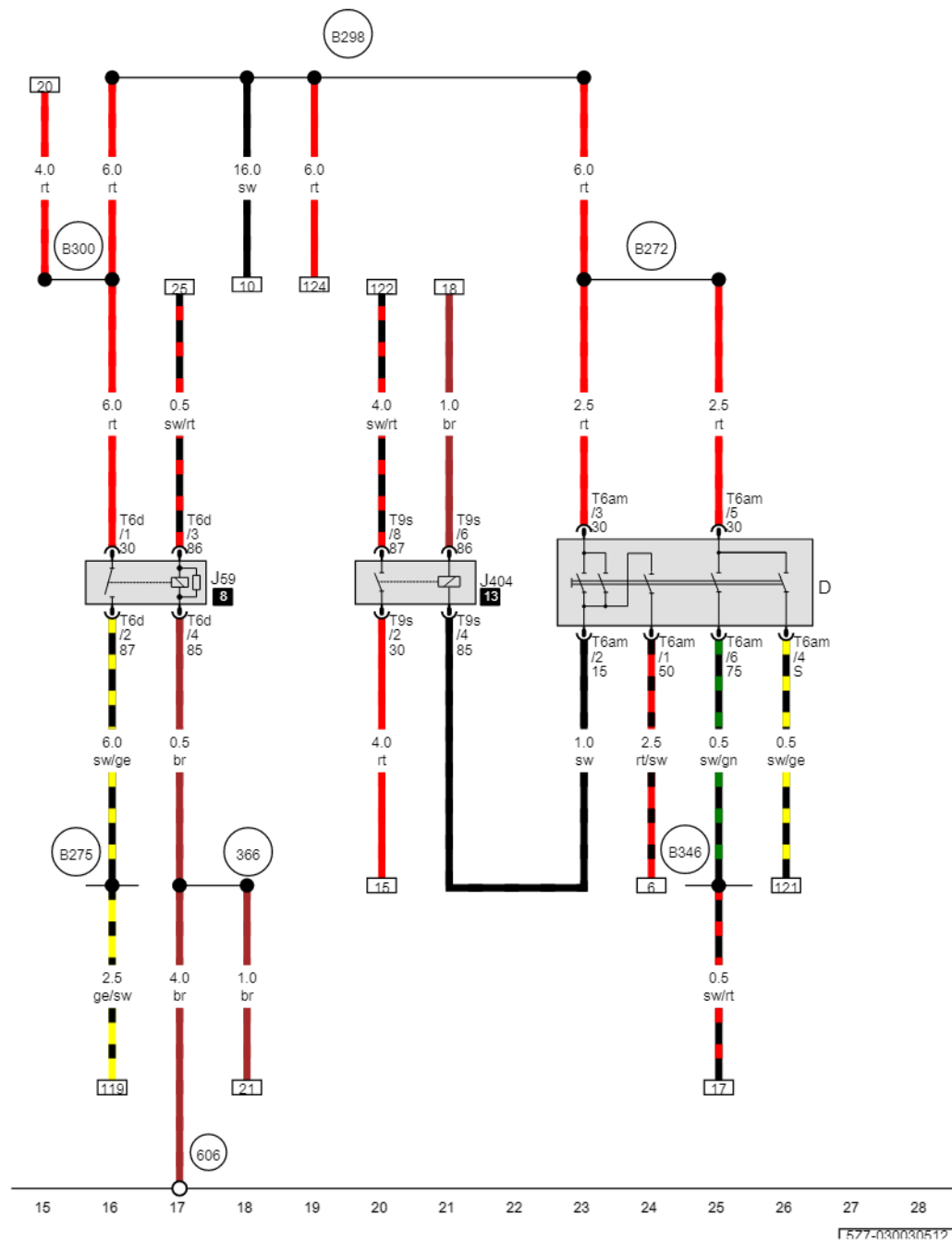


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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

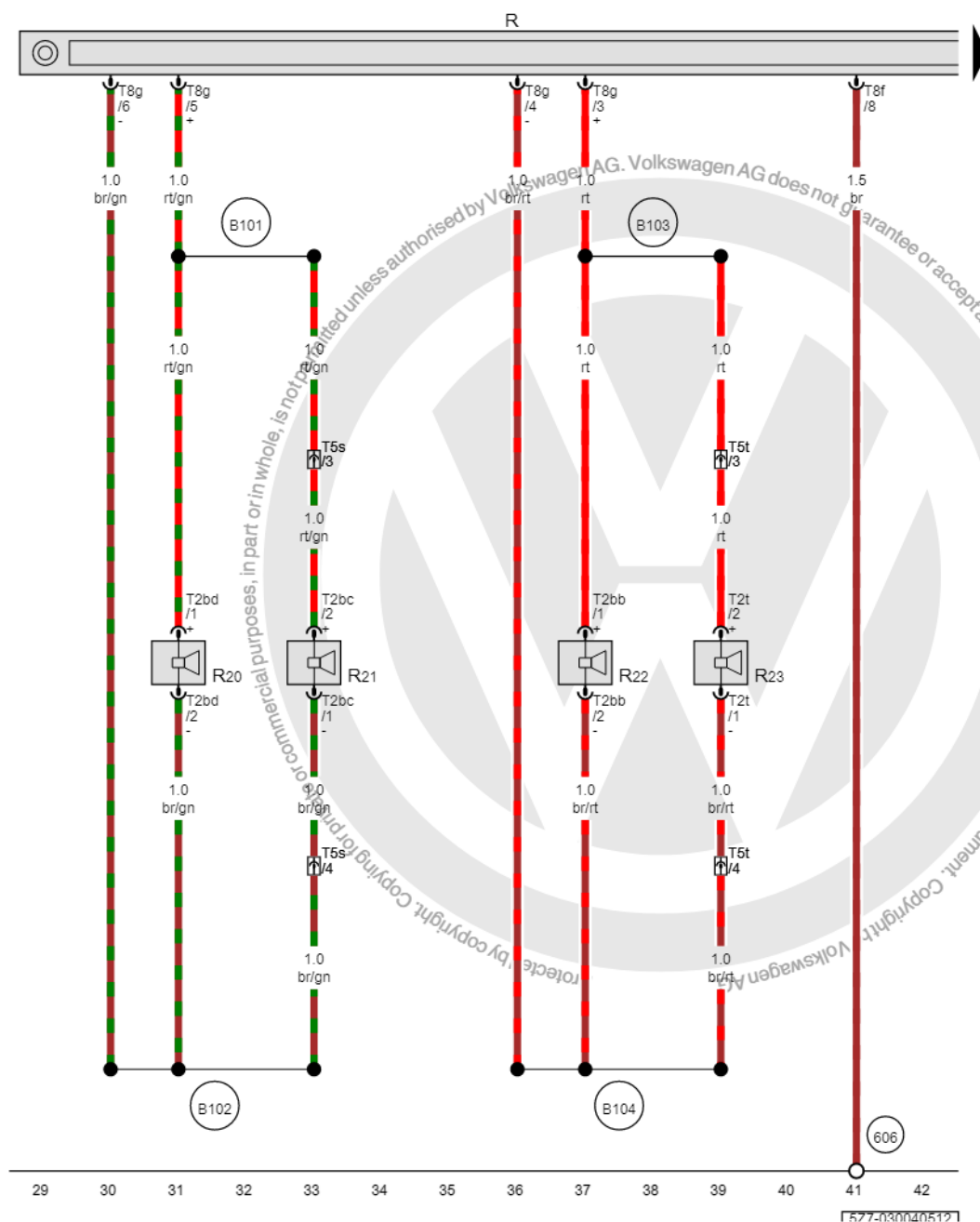


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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

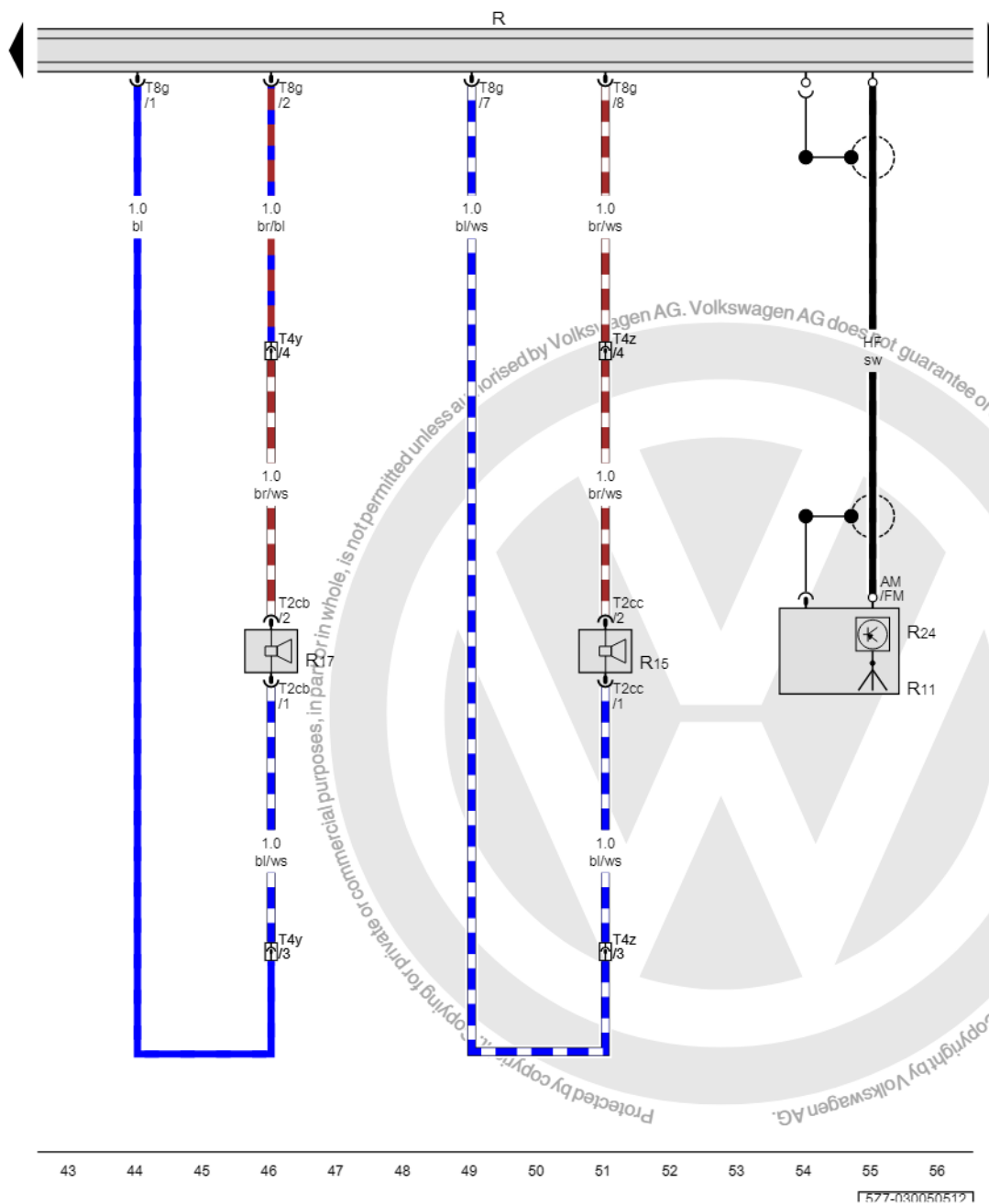
Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- |      |  |
|------|--|
| R    | Radio  |
| R20  | Front left treble loudspeaker                                      |
| R21  | Front left bass loudspeaker  |
| R22  | Front right treble loudspeaker                                     |
| R23  | Front right bass loudspeaker                                       |
| T2bb | 2-pin connector  |
| T2bc | 2-pin connector  |
| T2bd | 2-pin connector  |
| T2t  | 2-pin connector  |
| T5s  | 5-pin connector, in driver door                                    |
| T5t  | 5-pin connector, in front passenger door                           |
| T8f  | 8-pin connector  |
| T8g  | 8-pin connector  |
| 606  | Earth point, under the centre console near gear stick              |
| B101 | Connection (positive, front left speaker), in main wiring harness  |
| B102 | Connection (negative, front left speaker), in main wiring harness  |
| B103 | Connection (positive, front right speaker), in main wiring harness |
| B104 | Connection (negative, front right speaker), in main wiring harness |

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

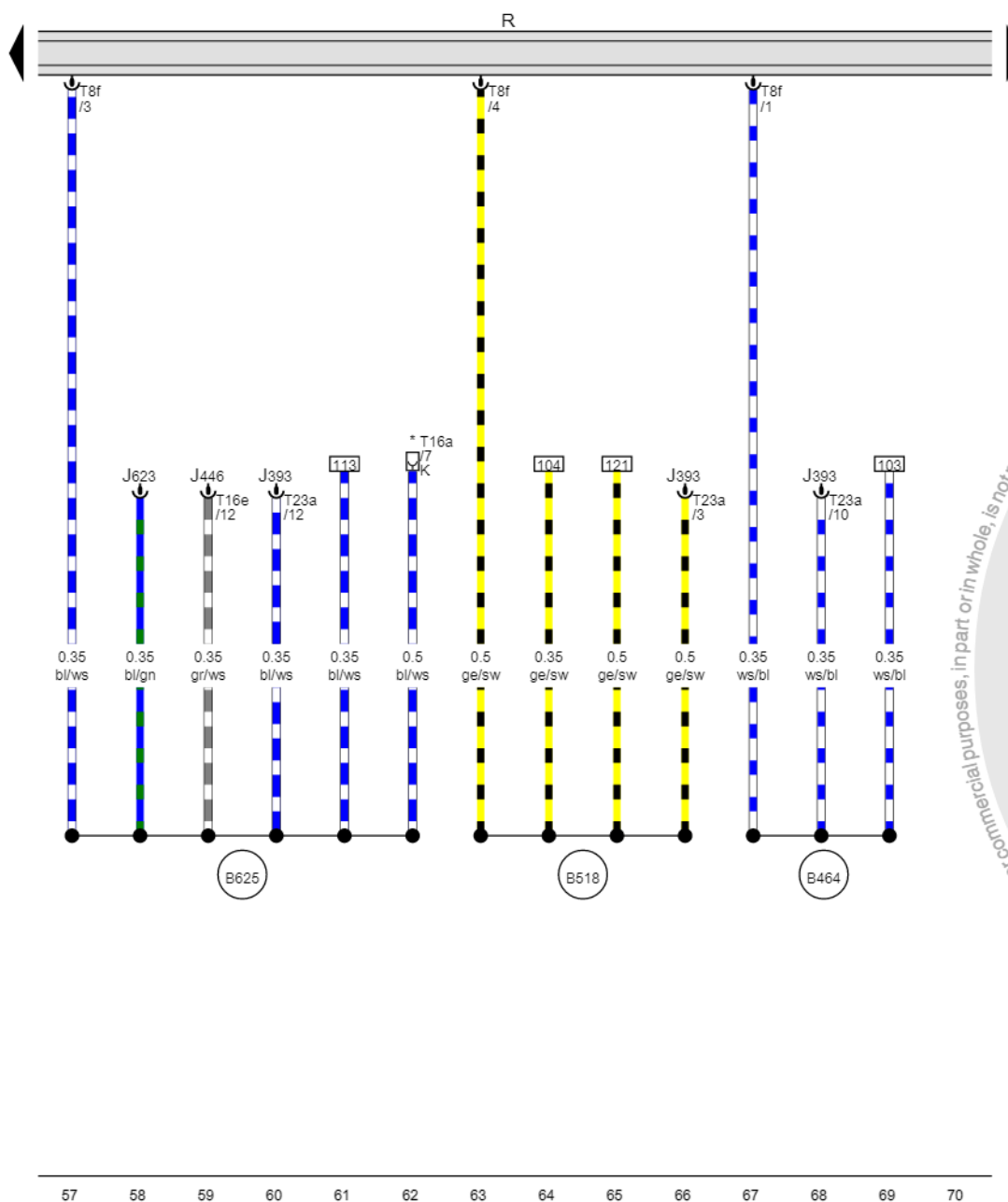


Radio, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Aerial amplifier



- R Radio
- R11 Aerial
- R15 Rear left bass loudspeaker
- R17 Rear right bass loudspeaker
- R24 Aerial amplifier
- T2cb 2-pin connector
- T2cc 2-pin connector
- T4y 4-pin connector, in rear right door
- T4z 4-pin connector, in rear left door
- T8g 8-pin connector

- ws white
- sw black
- ro red
- rt red
- br brown
- gn green
- bl blue
- gr grey
- li purple
- vi purple
- ge yellow
- or orange
- rs pink

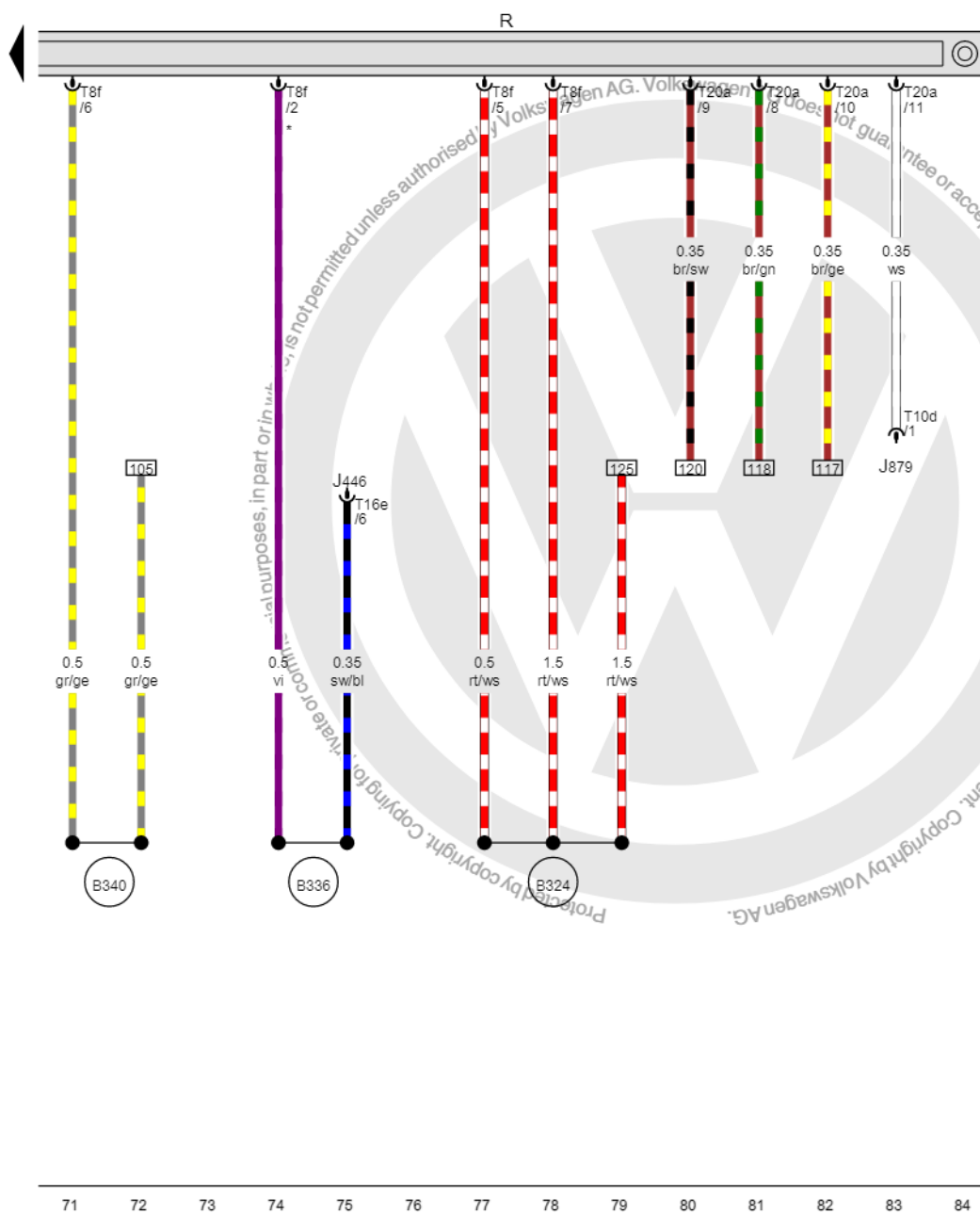


# Radio

- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T8f 8-pin connector
- T16a 16-pin connector, on diagnostic connection
- T16e 16-pin connector
- T23a 23-pin connector
- B464 Connection (speed signal), in main wiring harness
- B518 Connection (86s), in main wiring harness
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1577-0300005121



# Radio

- J446 Parking aid control unit
- J879 Control unit for interactive system
- R Radio
- T8f 8-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector

- B324 Positive connection 10 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with park assist steering

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



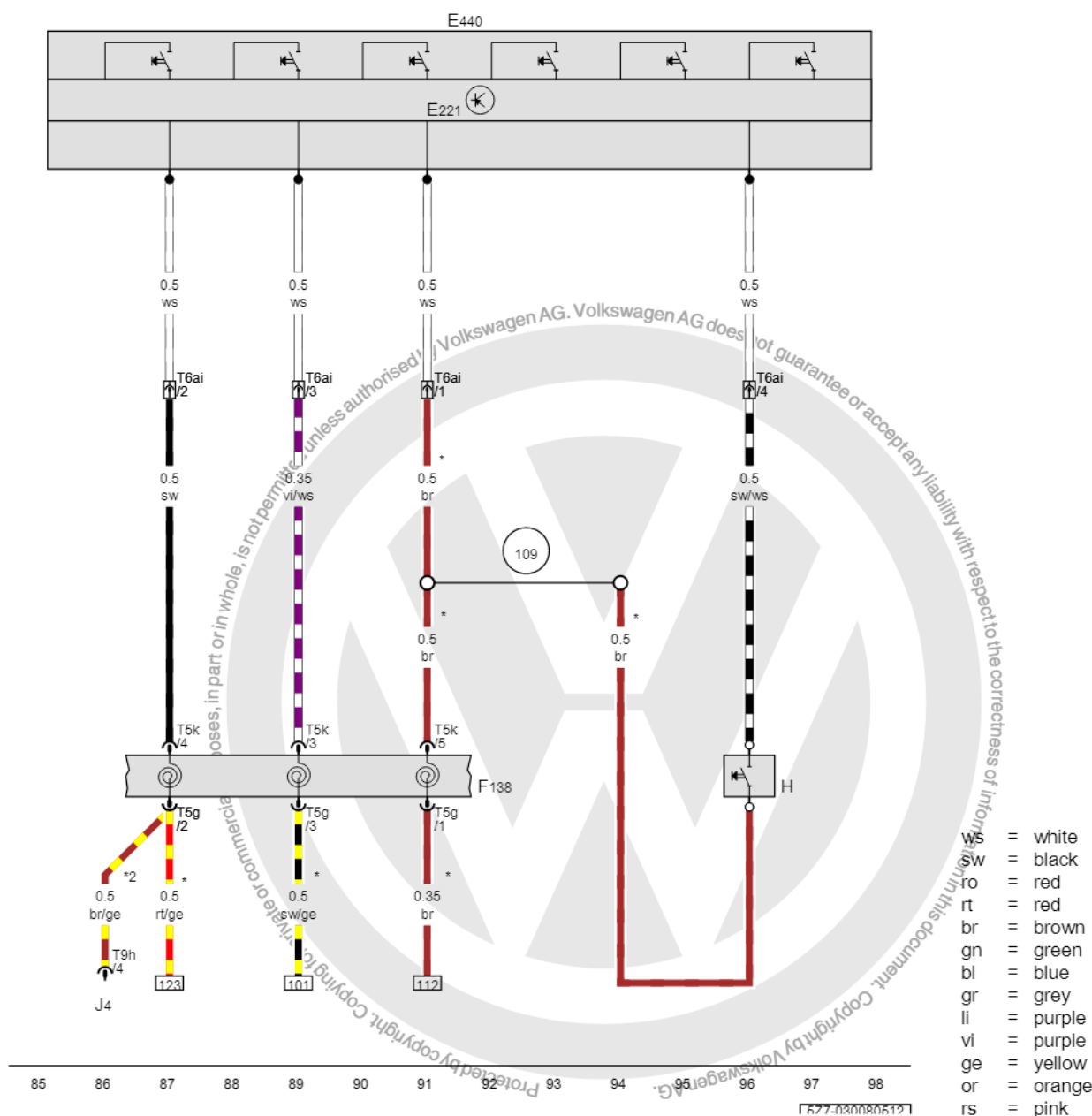
Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J4 Dual tone horn relay
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T9h 9-pin connector

109 Earth connection, in airbag wiring harness

\* Only models with operating unit for radio

\*2 Only models with airbag

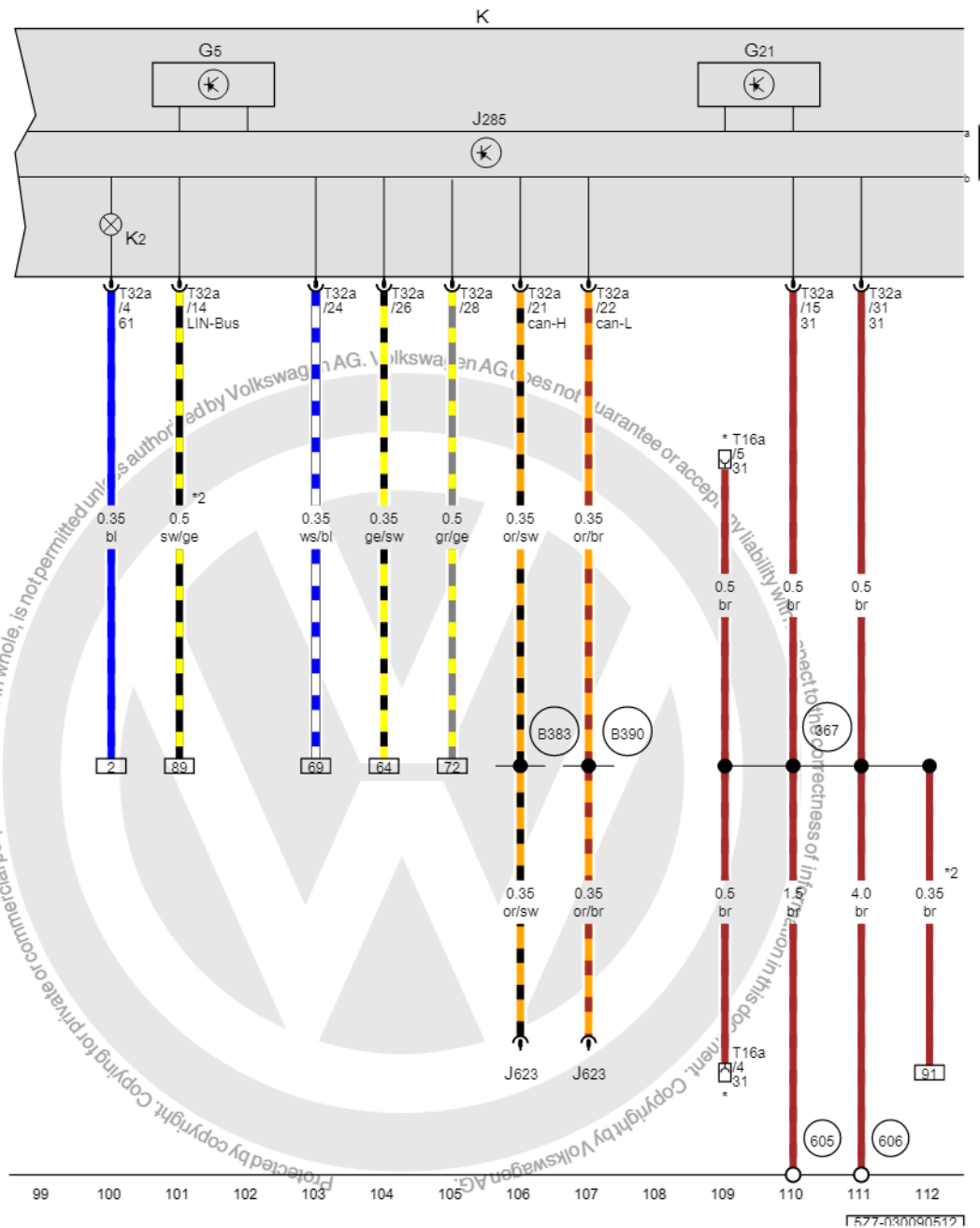


Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

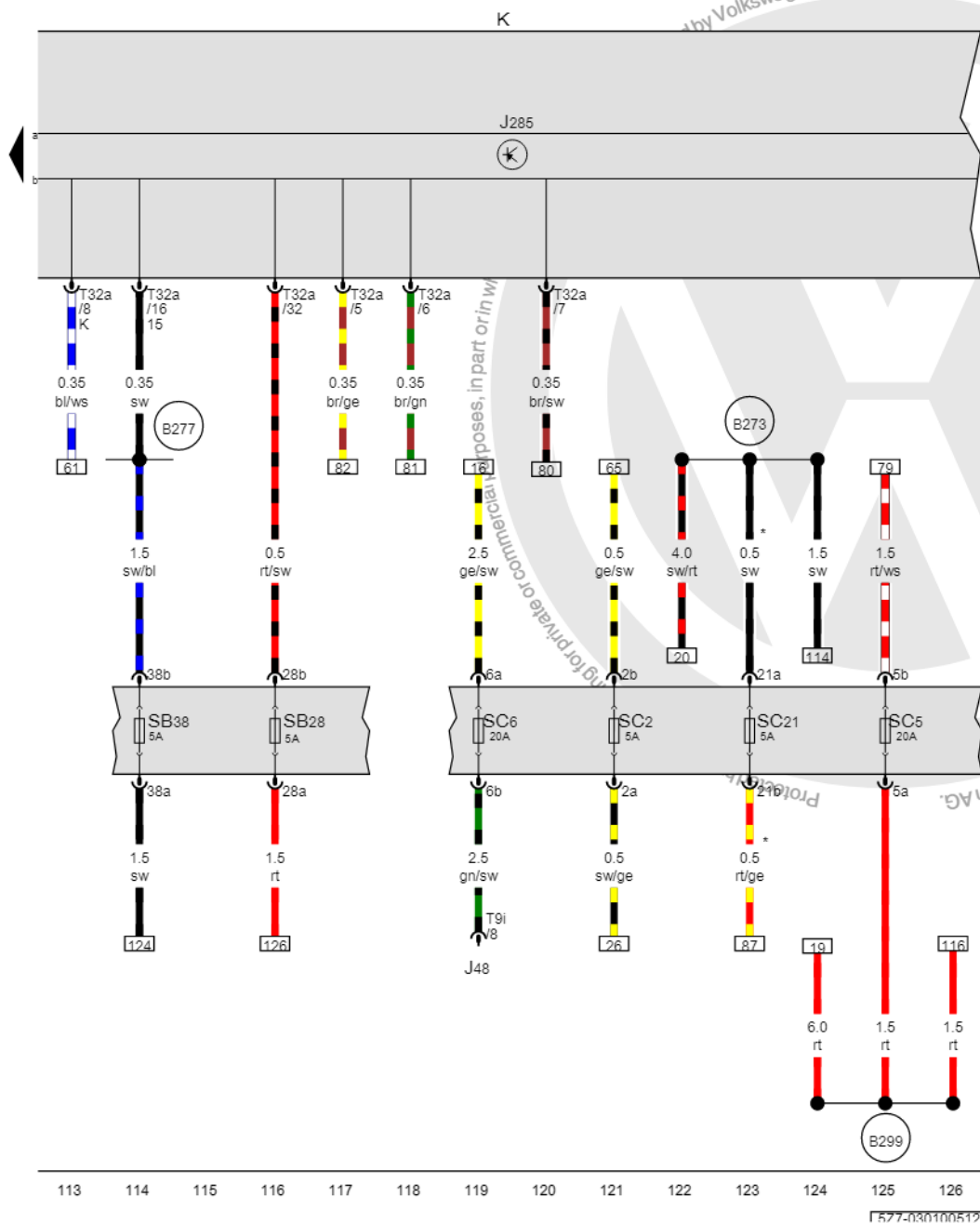
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- T16a 16-pin connector, on diagnostic connection
- T32a 32-pin connector

- (367) Earth connection 2, in main wiring harness
- (605) Earth point, on top end of steering column
- (606) Earth point, under the centre console near gear stick
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Diagnostic connection
- \*2 Only models with operating unit for radio

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit in dash panel insert, Dash panel insert



- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC2 Fuse 2 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T9i 9-pin connector
- T32a 32-pin connector

- B273 Positive connection (15), in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- \* Only models with operating unit for radio

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

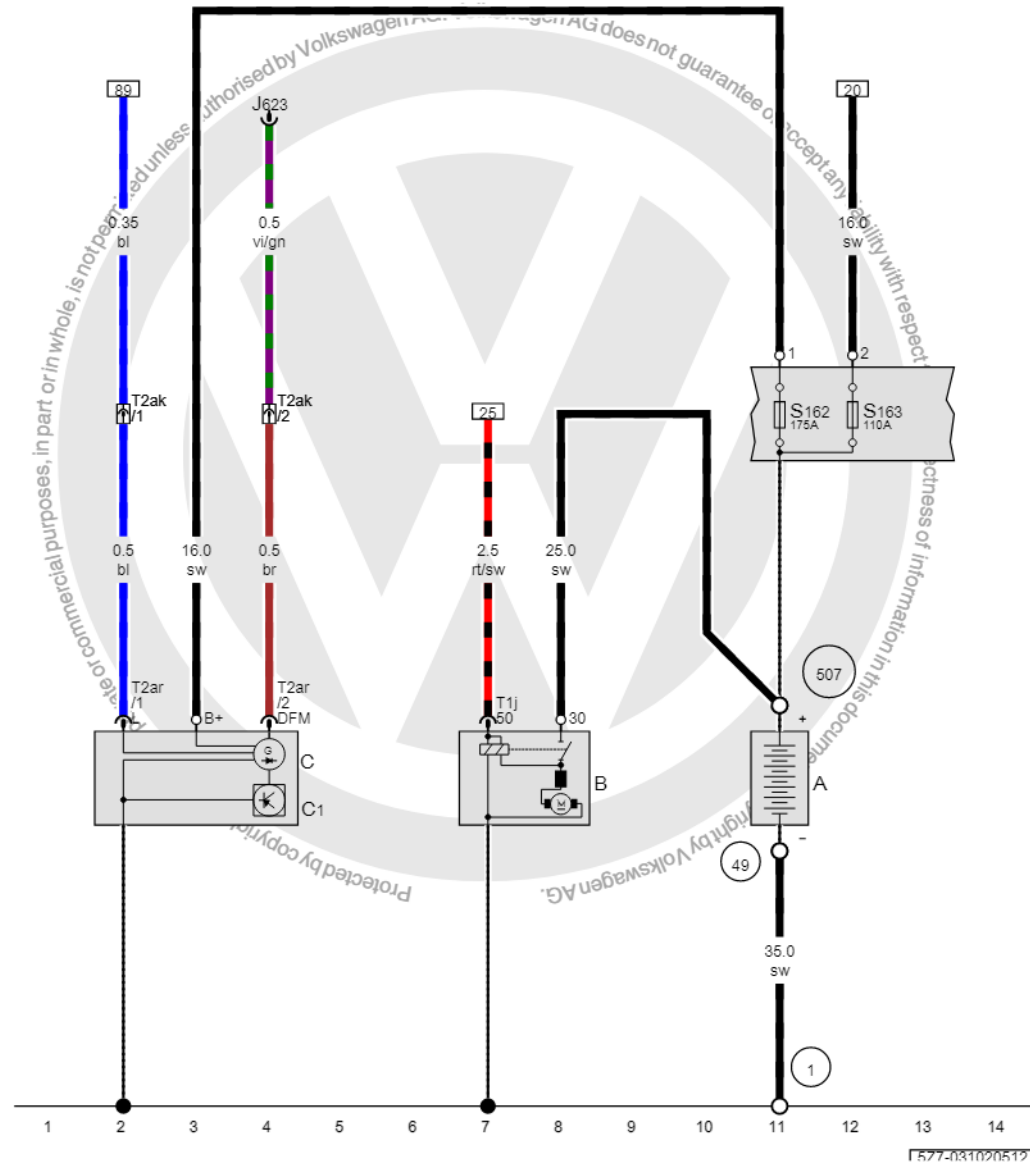
## Window wash/wipe system and heated rear window

From April 2012

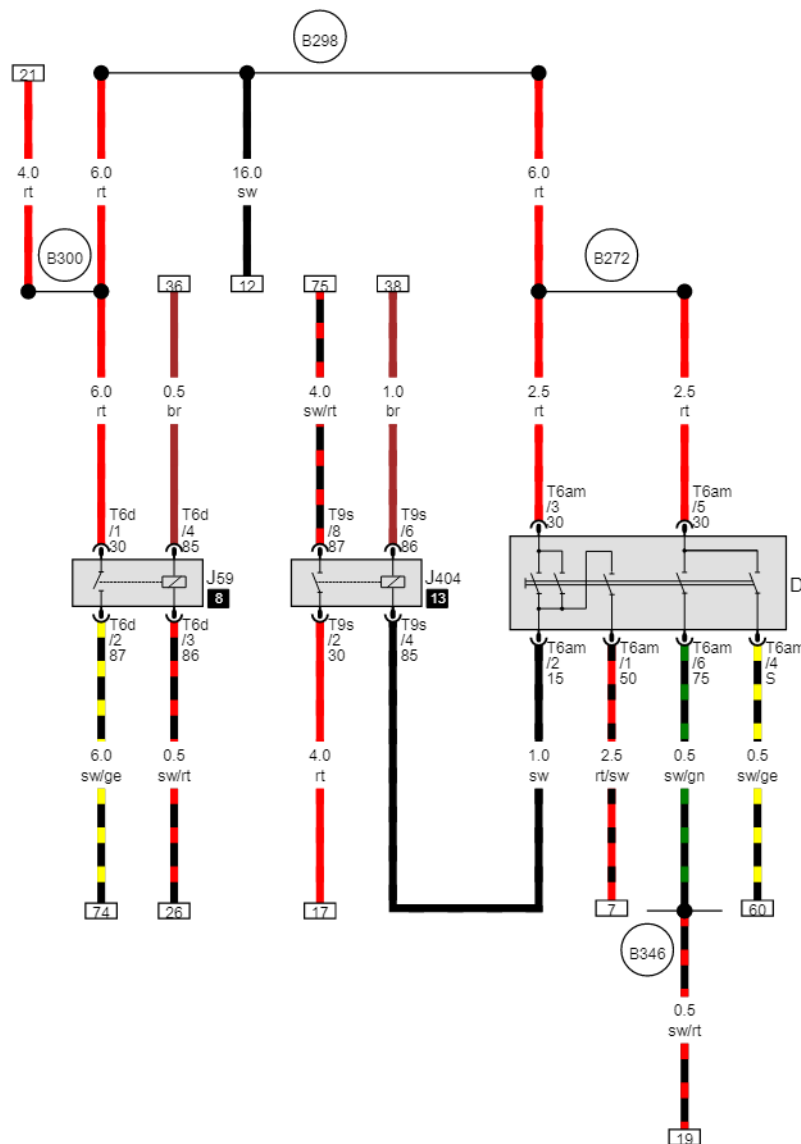


Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

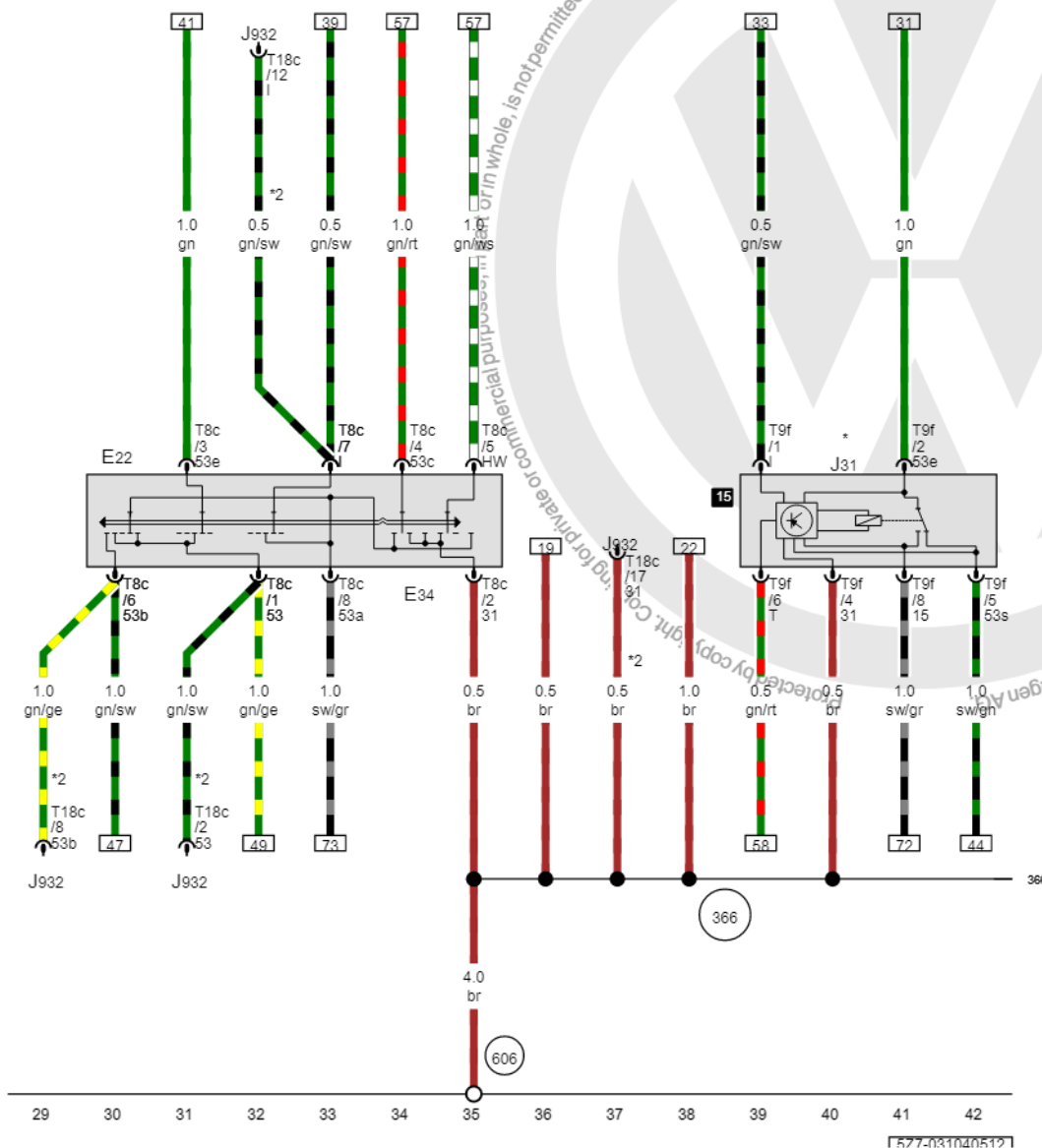
Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe relay

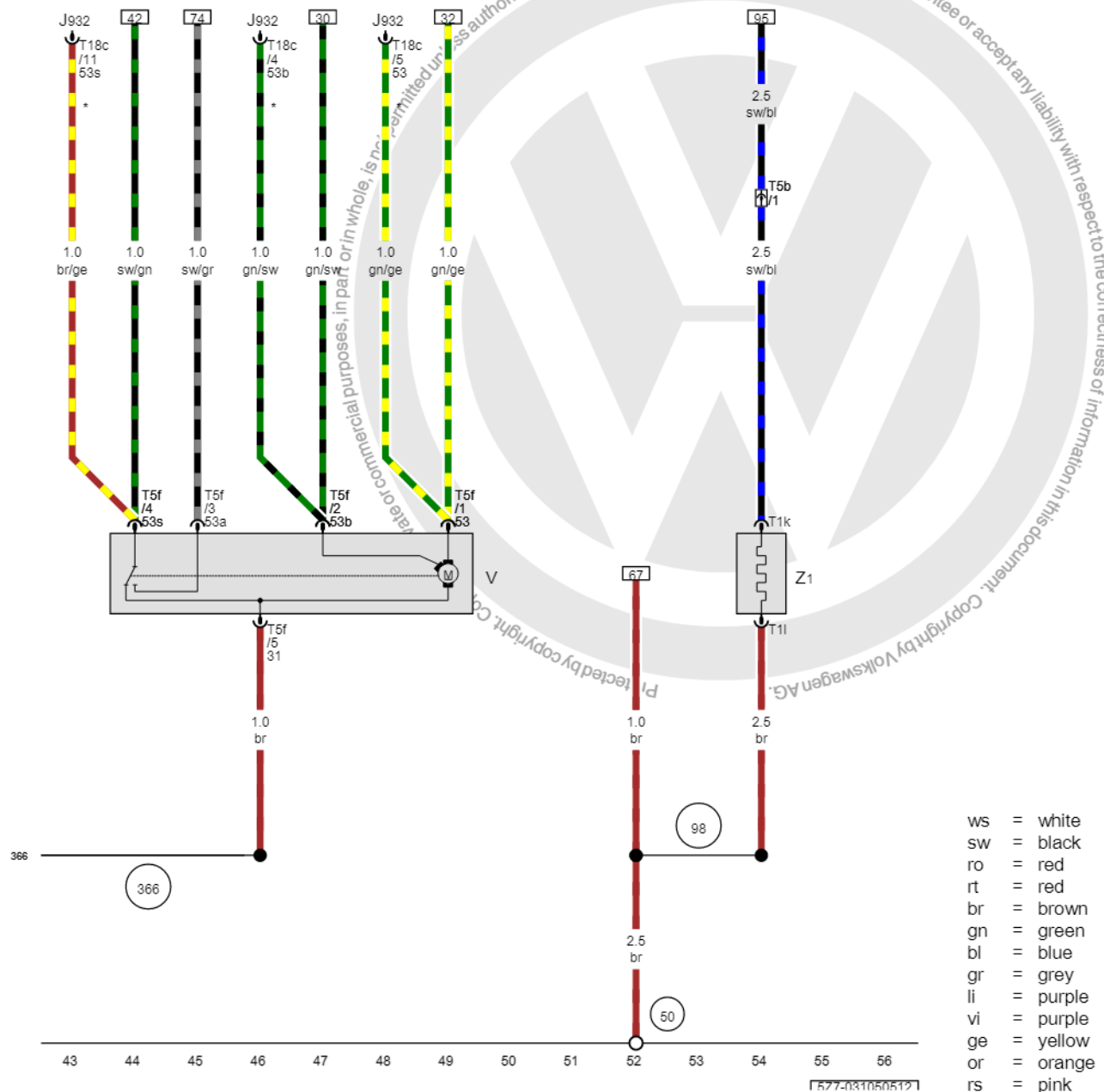
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- J31 Automatic intermittent wash and wipe relay
- J932 Automatic intermittent wash and wipe control unit
- T8c 8-pin connector
- T9f 9-pin connector
- T18c 18-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

- \* Only models with no rain and light sensor
- \*2 Only models with rain and light sensor





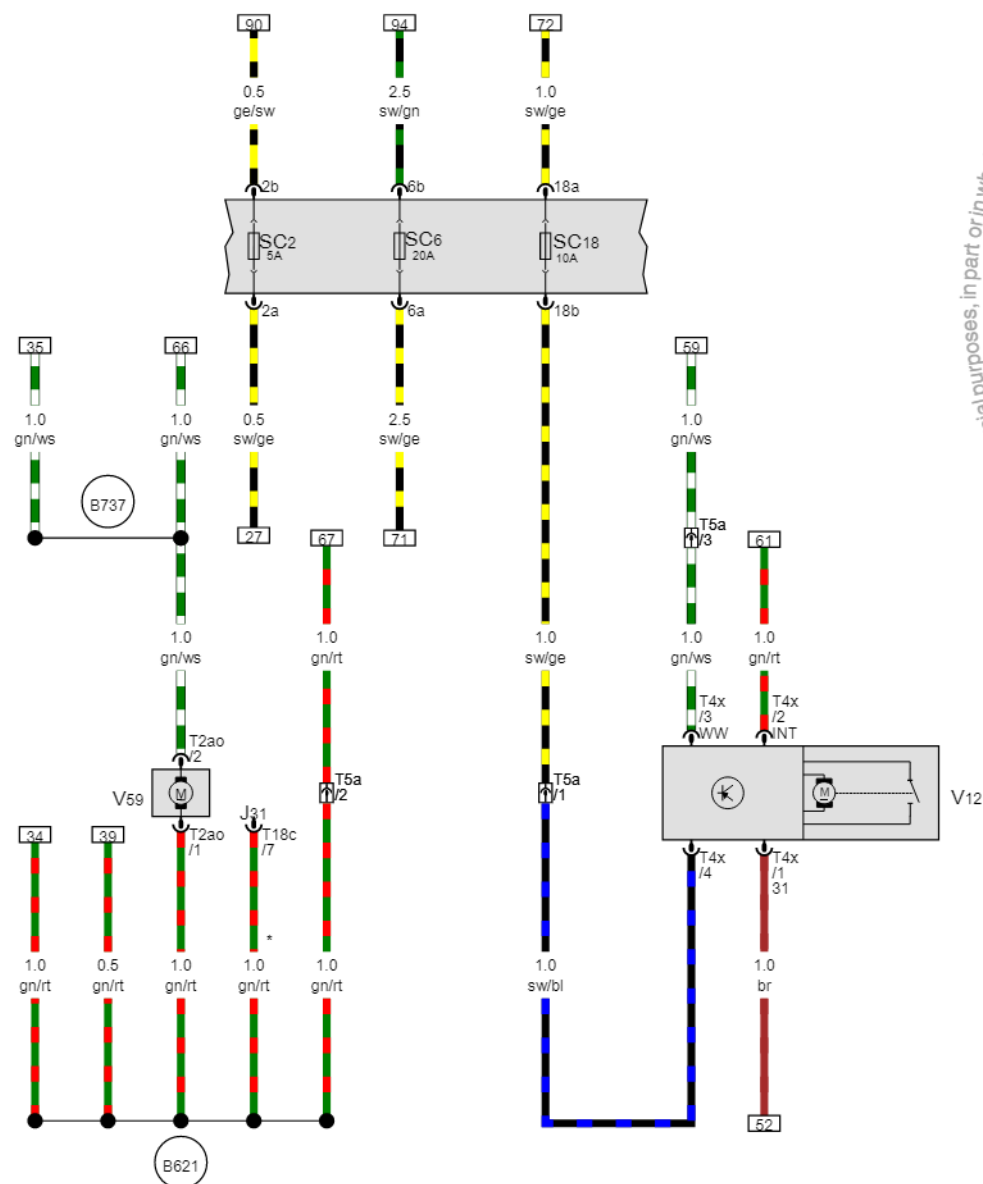
# Windscreen wiper motor, Heated rear window

- J932 Automatic intermittent wash and wipe control unit
- T1k Single connector
- T11 Single connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5f 5-pin connector
- T18c 18-pin connector
- V Windscreen wiper motor
- Z1 Heated rear window
- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 366 Earth connection 1, in main wiring harness
- \* Only models with rain and light sensor



# Rear window wiper motor, Windscreen and rear window washer pump

- J31 Automatic intermittent wash and wipe relay
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T2ao 2-pin connector
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T18c 18-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness
- \* Only models with rain and light sensor



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

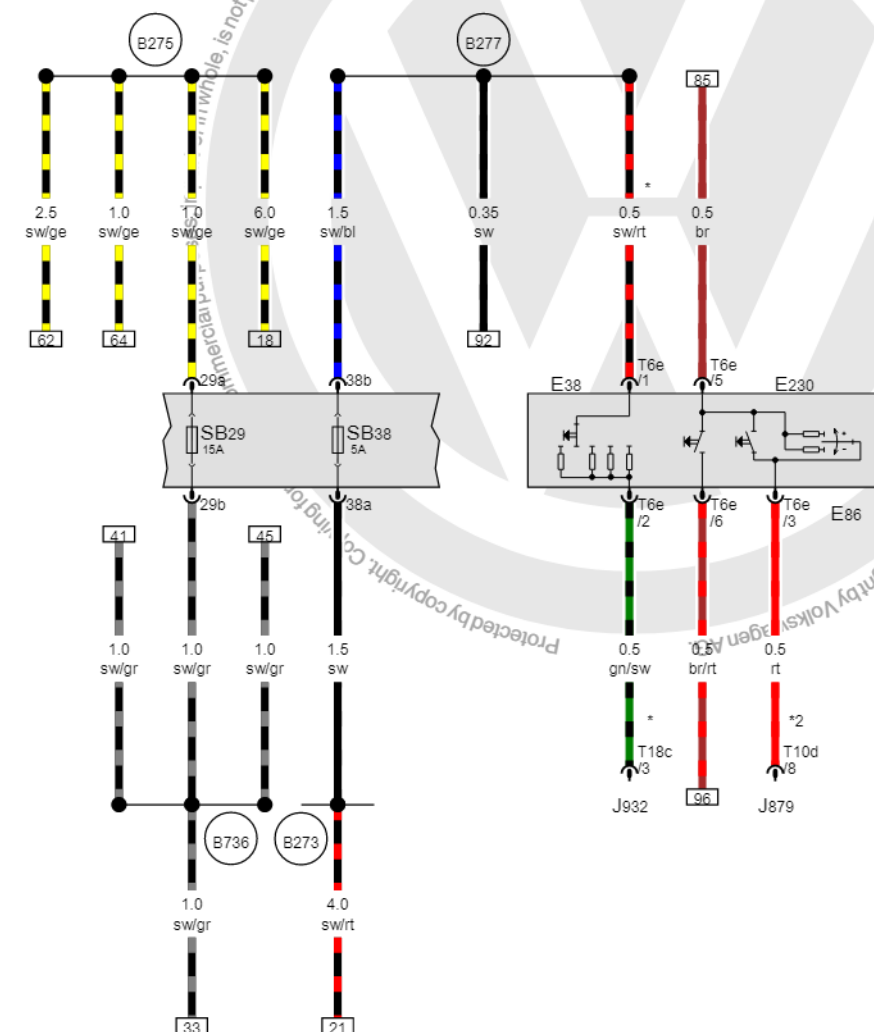
1577-0310R0512

Intermittent wiper regulator, Multifunction display call-up button, Heated rear window button

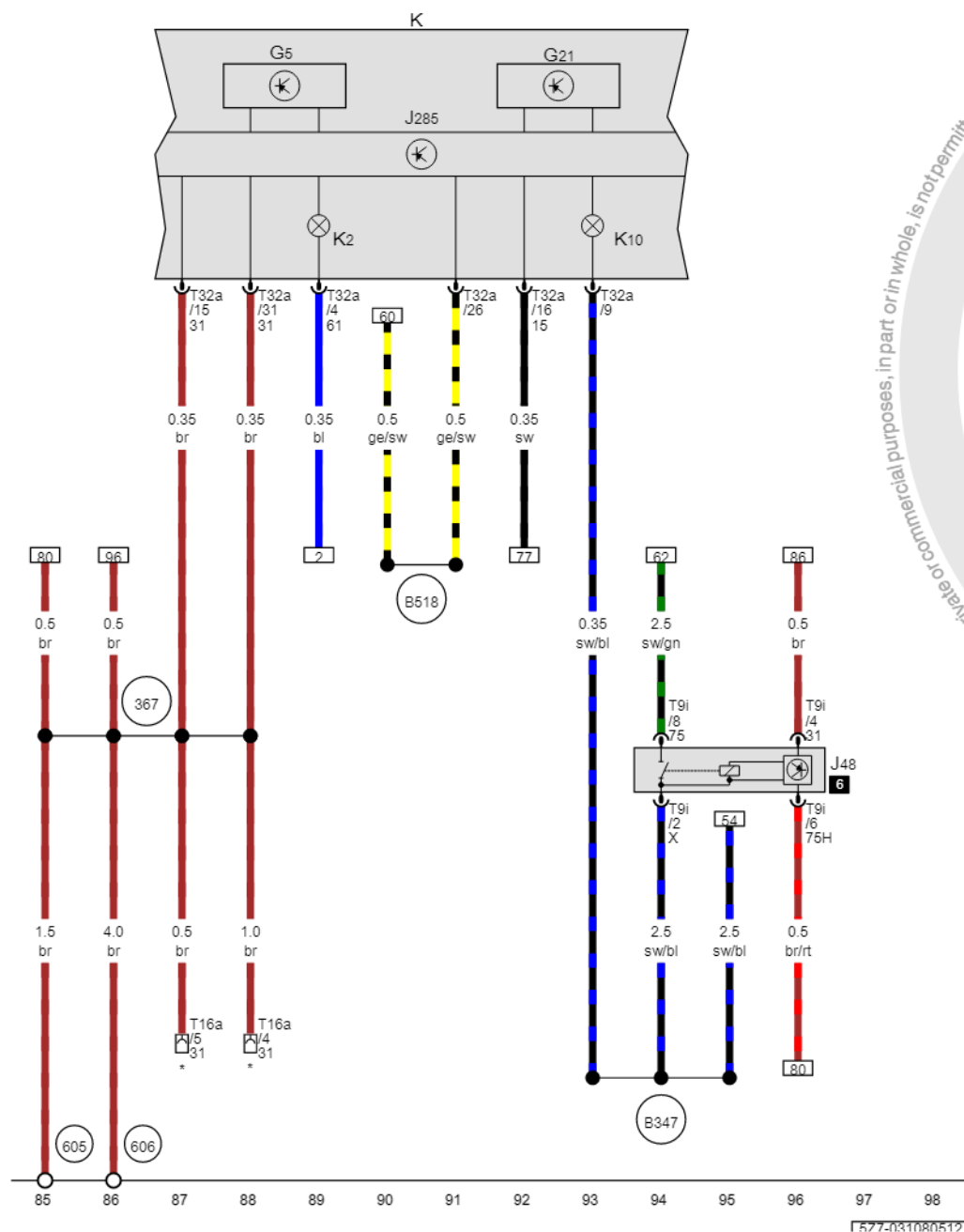
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- E230 Heated rear window button
- J879 Control unit for interactive system
- J932 Automatic intermittent wash and wipe control unit
- SB29 Fuse 29 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T6e 6-pin connector
- T10d 10-pin connector
- T18c 18-pin connector

- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B736 Positive connection (53a), in main wiring harness

- \* Only models with rain and light sensor
- \*2 For models with interactive system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Speedometer, Heated rear window control relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Heated rear window warning lamp

- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K10 Heated rear window warning lamp
- T9i 9-pin connector
- T16a 16-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B347 Connection 2 (75), in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Diagnostic connection

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Interactive system

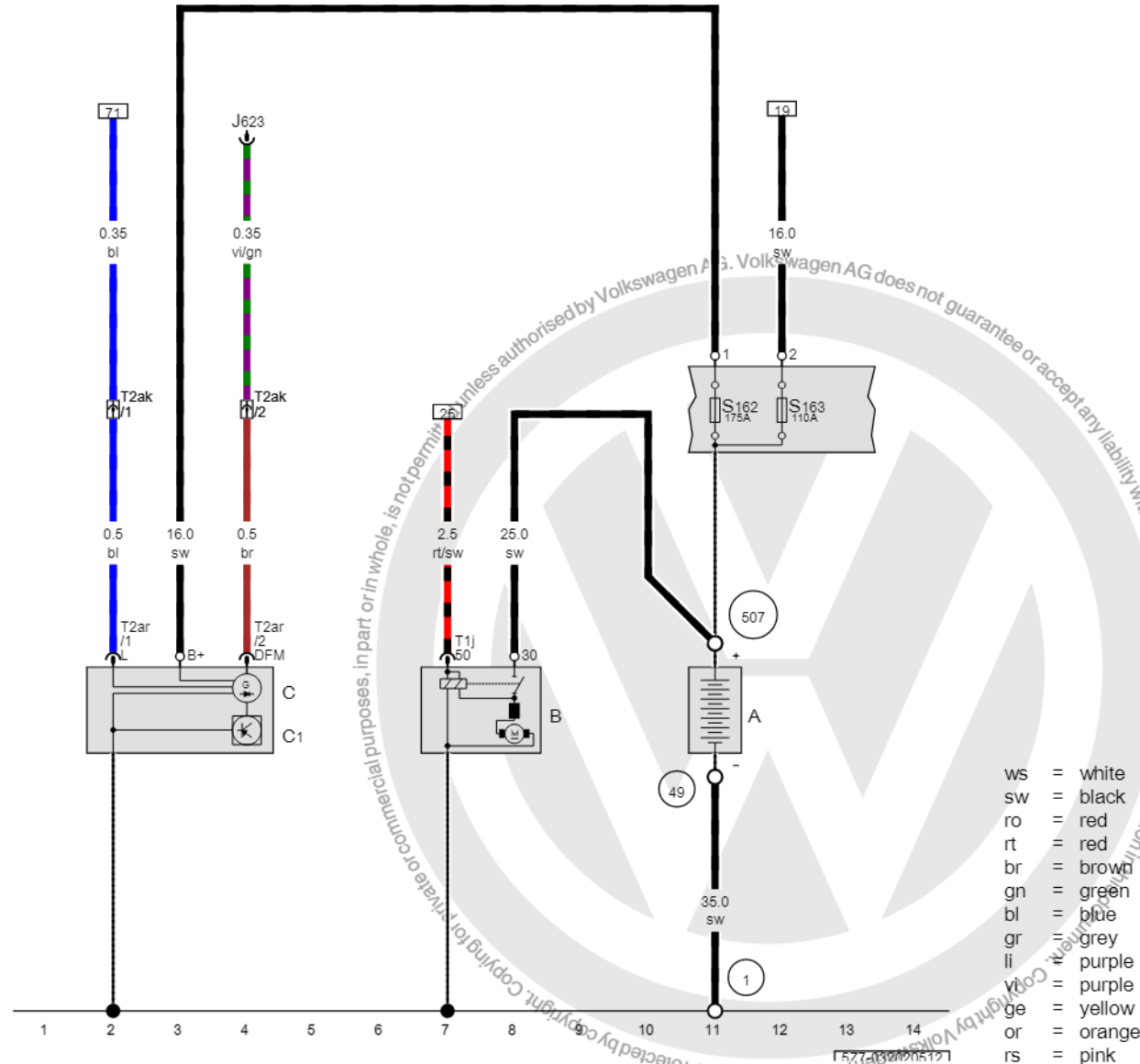
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch  
J59 X-contact relief relay  
J404 Terminal 15 relief relay  
T6am 6-pin connector  
T6d 6-pin connector  
T9s 9-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

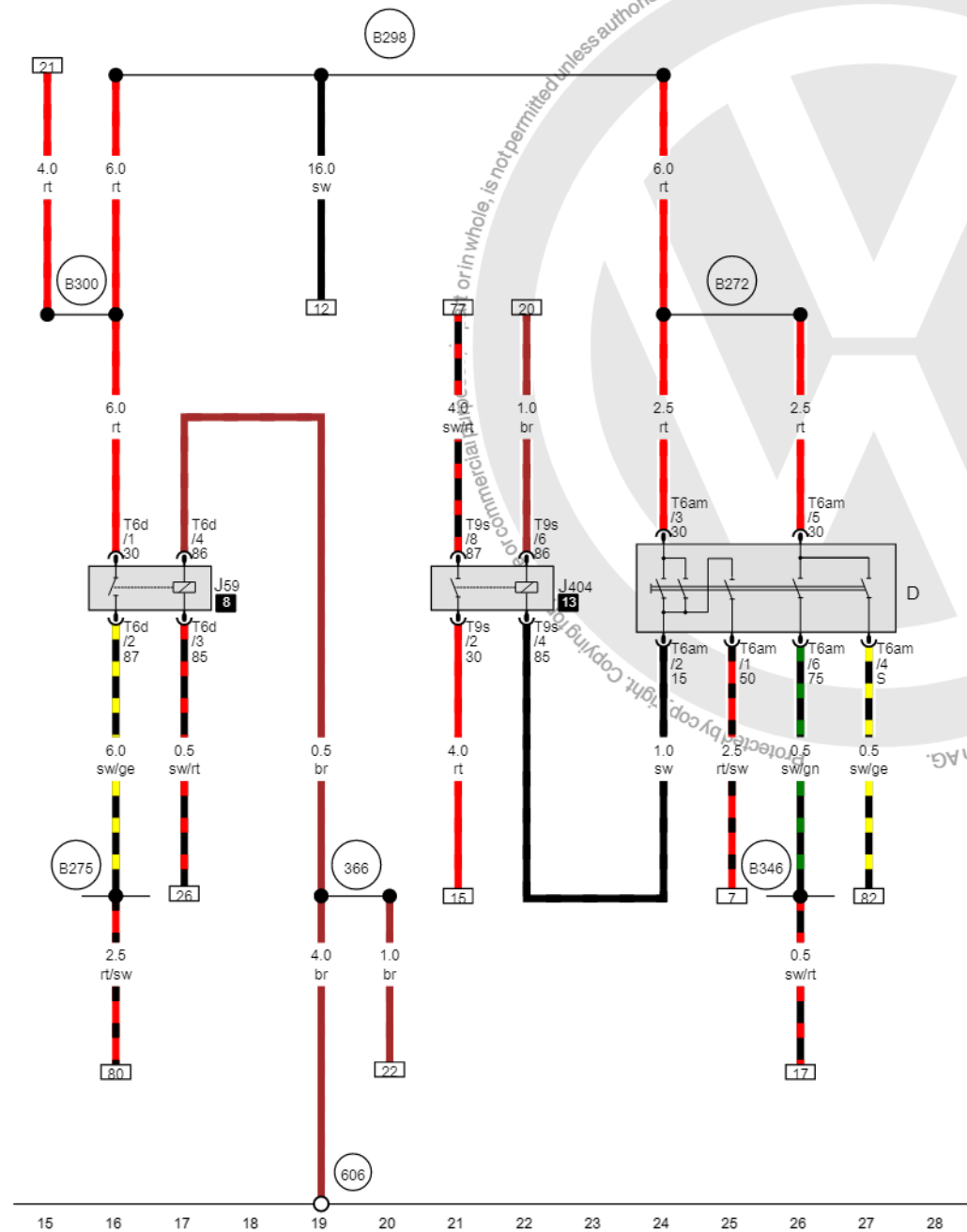
B272 Positive connection (30), in main wiring harness

B275 Positive connection (87), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

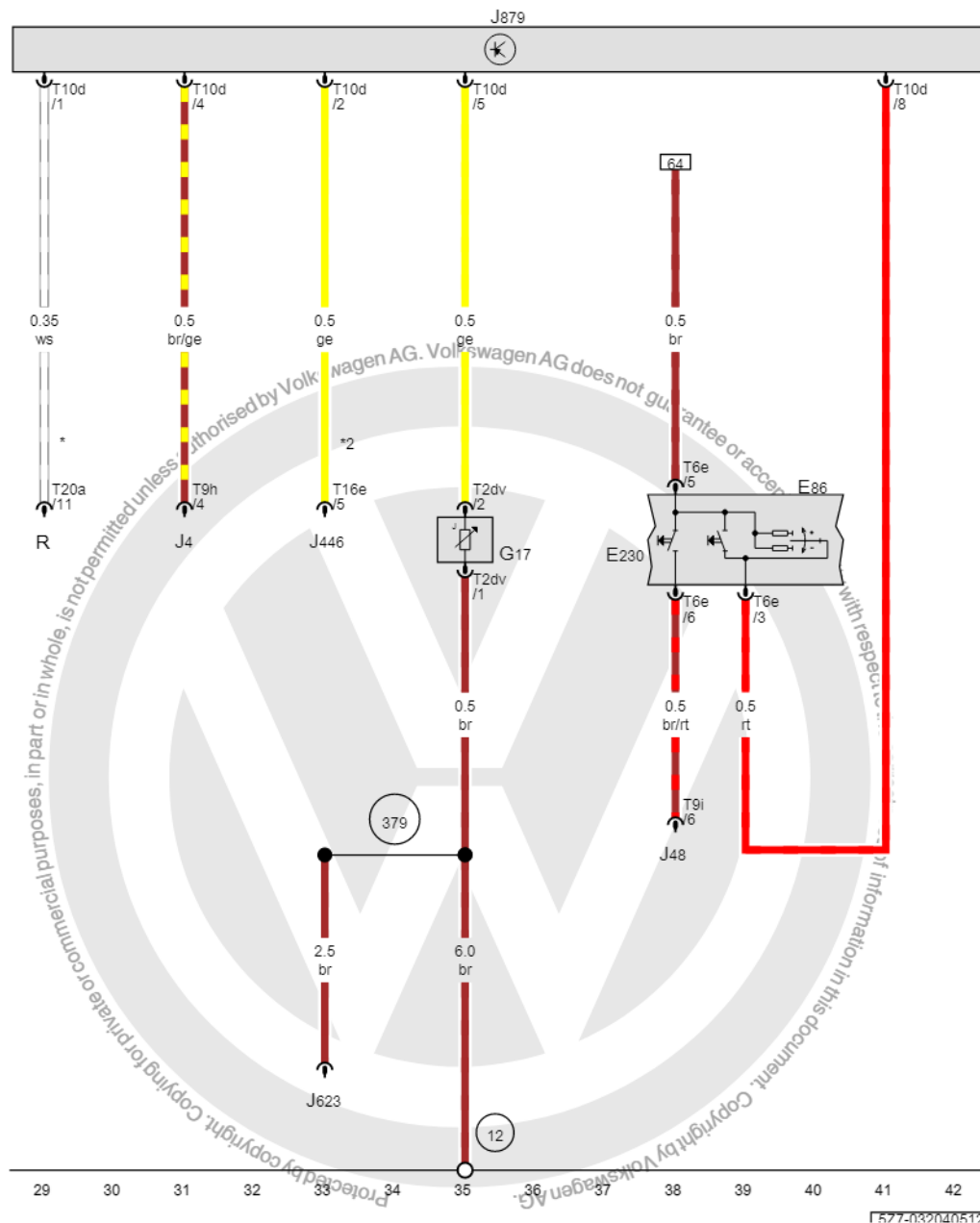
B346 Connection 1 (75), in main wiring harness



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

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Multifunction display call-up button, Heated rear window button, Ambient temperature sensor, Control unit for interactive system



- E86 Multifunction display call-up button
- E230 Heated rear window button
- G17 Ambient temperature sensor
- J4 Dual tone horn relay
- J48 Heated rear window control relay
- J446 Parking aid control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- R Radio
- T2dv 2-pin connector
- T6e 6-pin connector
- T9h 9-pin connector
- T9i 9-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector

- 12 Earth point, on left in engine compartment
- 379 Earth connection 14, in main wiring harness
- \* Only models with operating unit for radio
- \*2 Only models with park assist steering

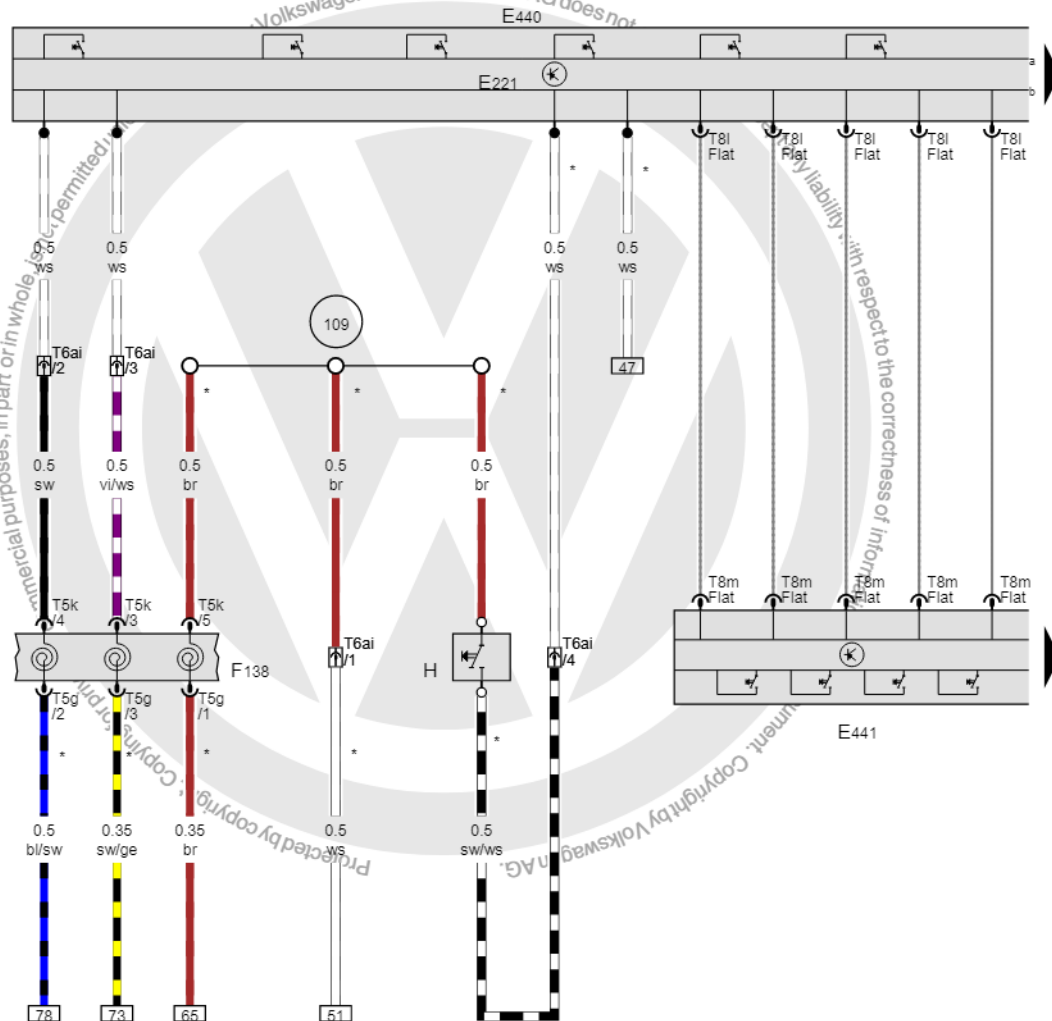
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

109 Earth connection, in airbag wiring harness

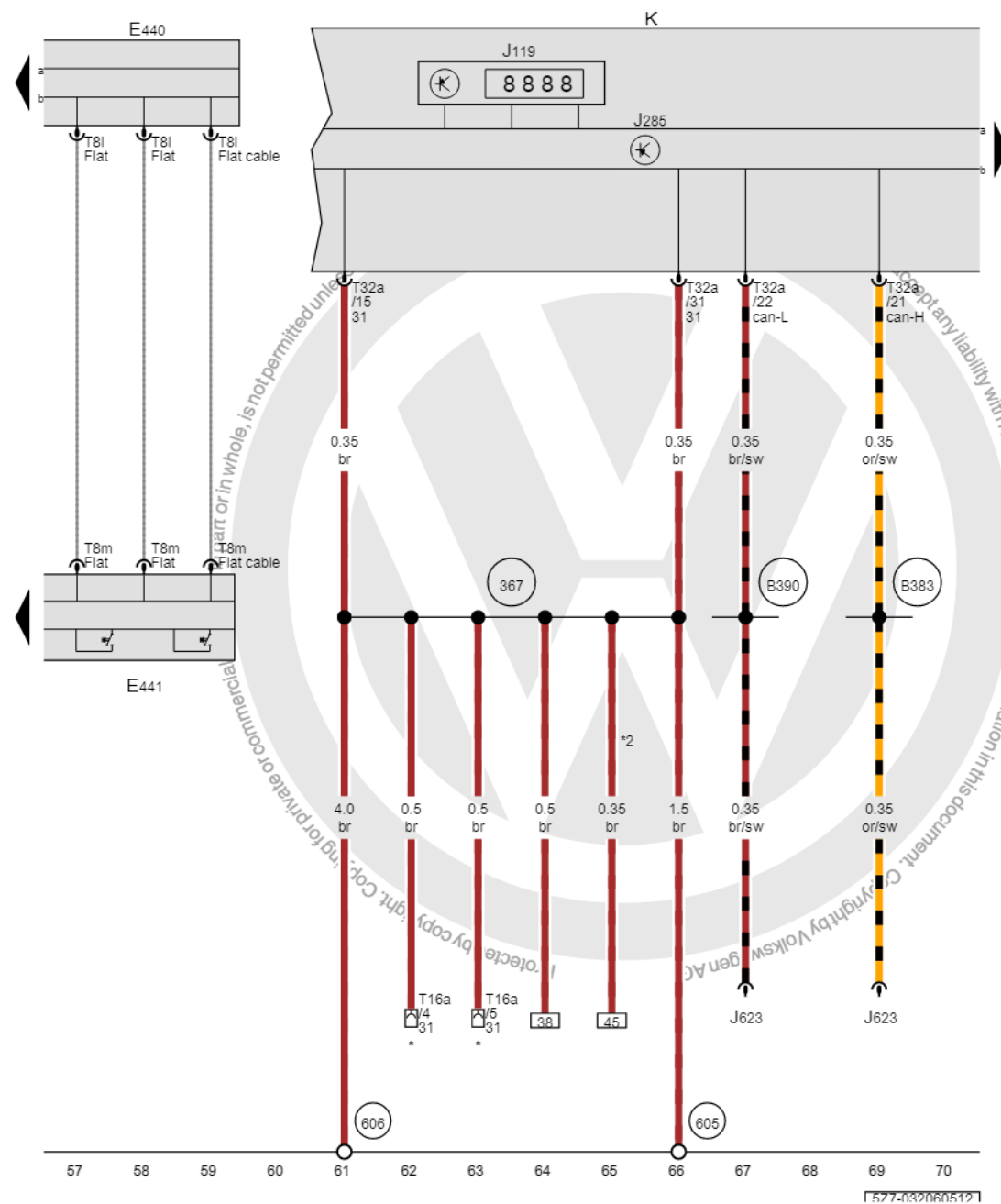
\* Only models with operating unit for radio



- ws = white
- sw = black
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- or = orange
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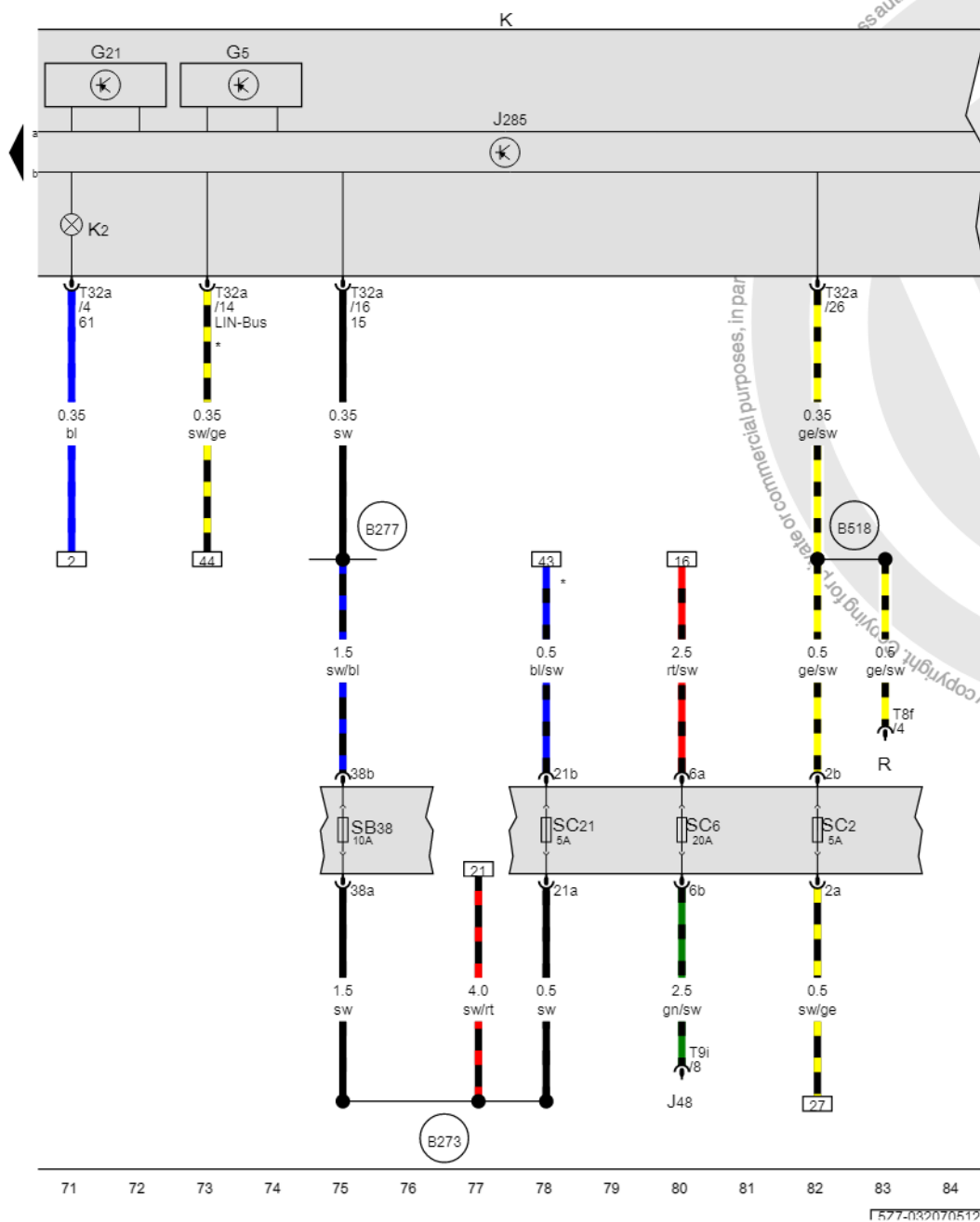
1577-032050512





Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- T8l 8-pin connector
- T8m 8-pin connector
- T16a 16-pin connector
- T32a 32-pin connector
- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Diagnostic connection
- \*2 Only models with operating unit for radio



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- T8f 8-pin connector
- T9i 9-pin connector
- T32a 32-pin connector

- B273 Positive connection (15), in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B518 Connection (86s), in main wiring harness
- \* Only models with operating unit for radio

## Multifunction steering wheel

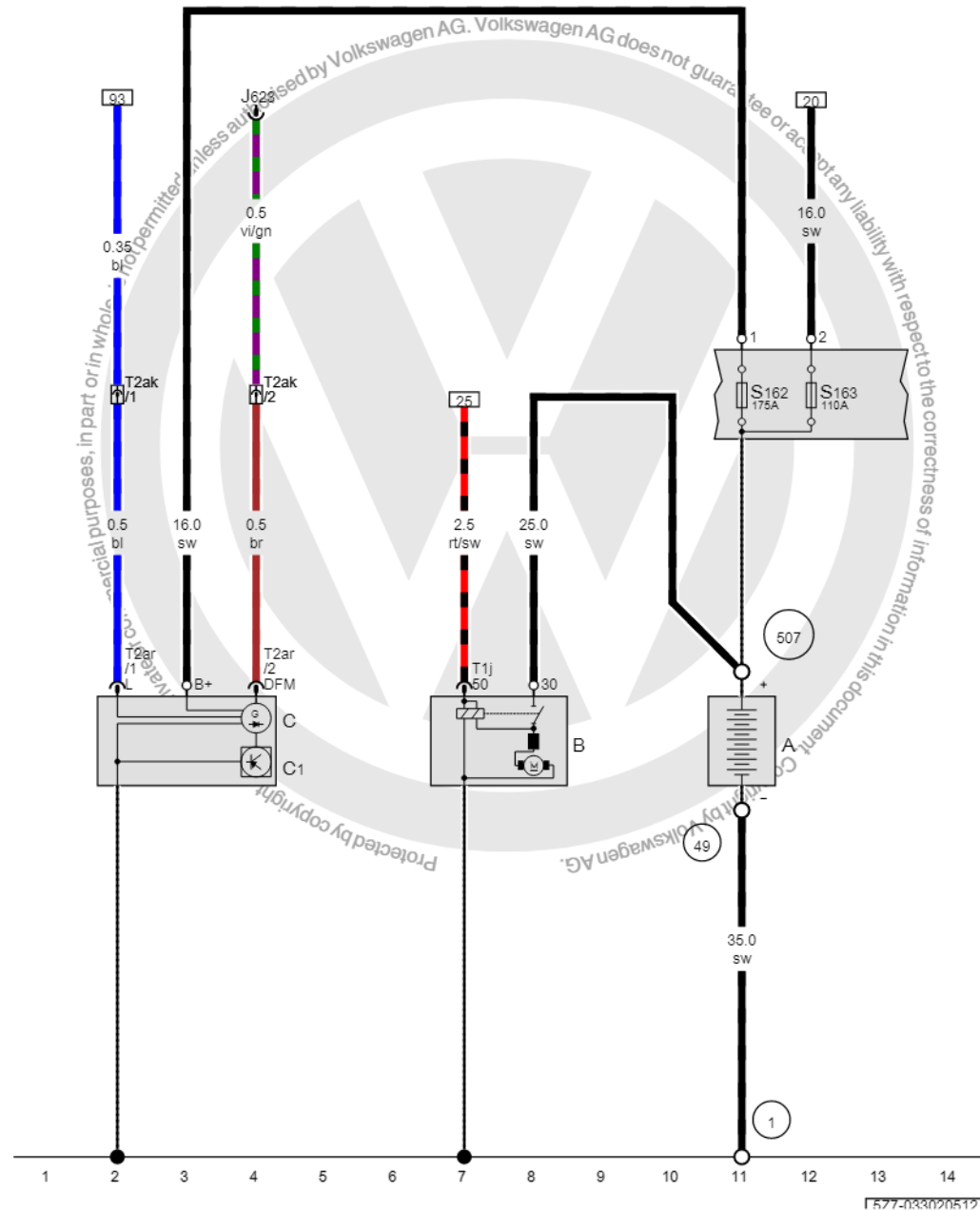
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

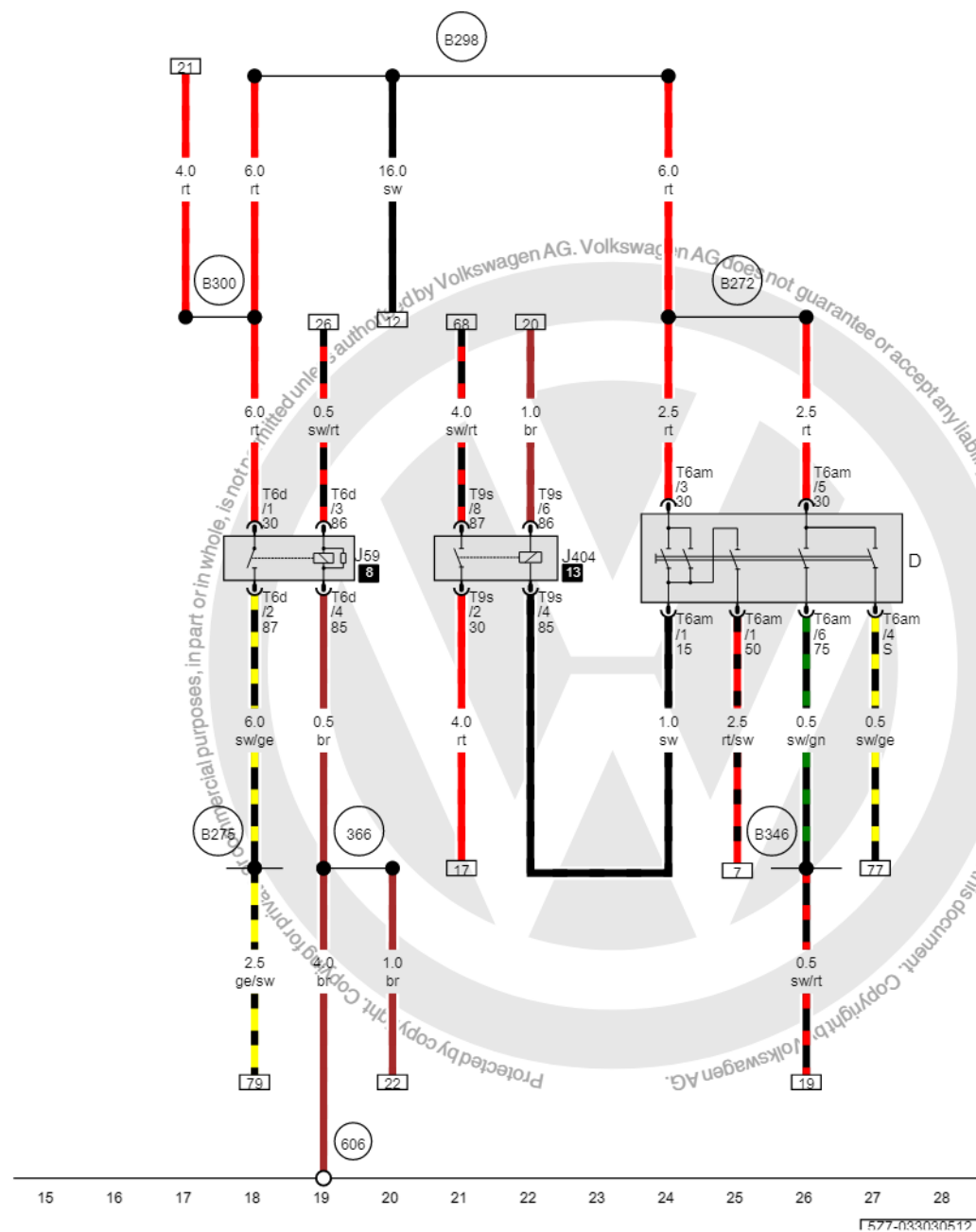


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- (366) Earth connection 1, in main wiring harness
- (606) Earth point, under the centre console near gear stick
- (B272) Positive connection (30), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness



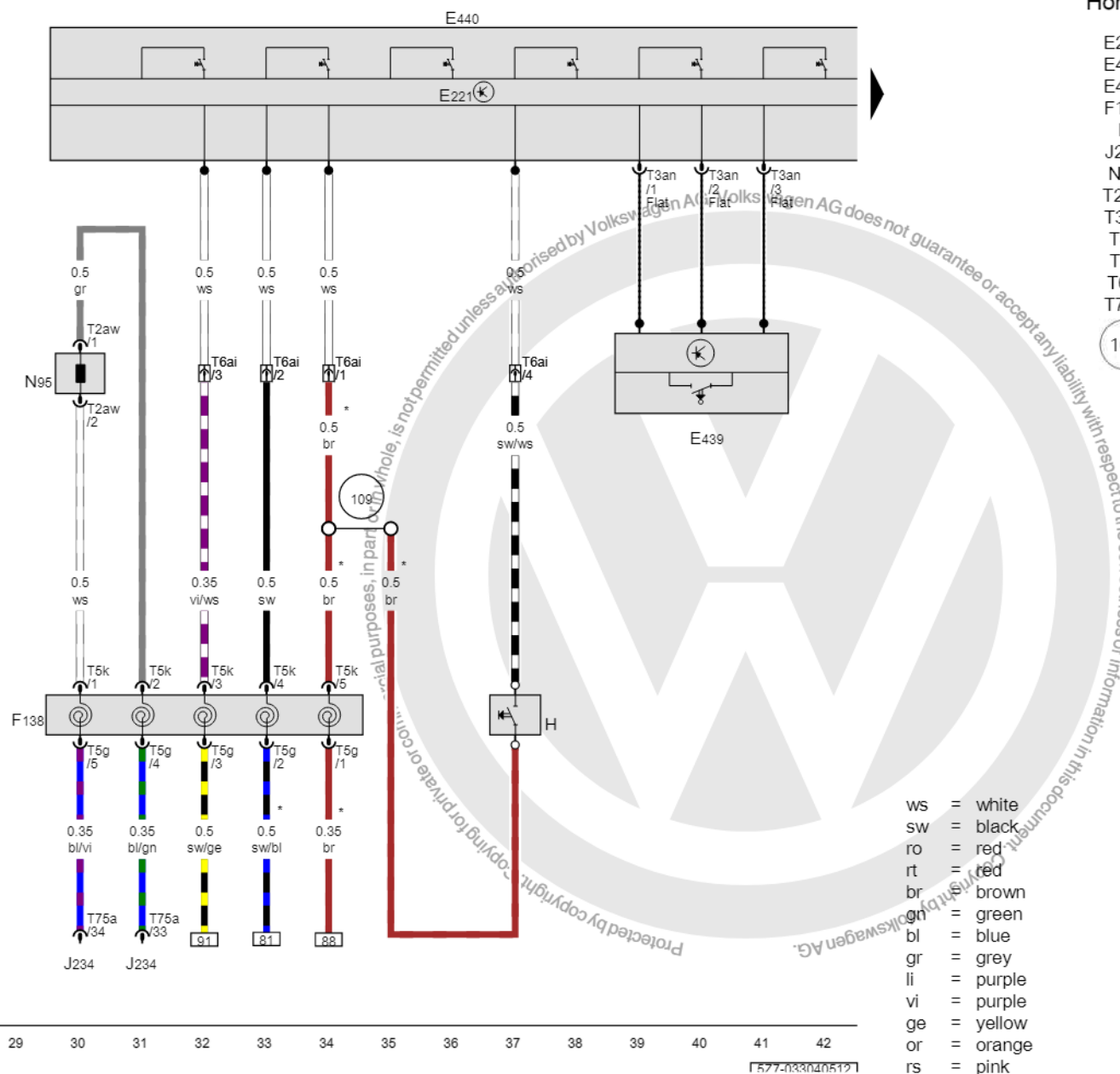
- ws = white
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- gn = green
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate, Driver side airbag igniter

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- N95 Driver side airbag igniter
- T2aw 2-pin connector
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T75a 75-pin connector

109 Earth connection, in airbag wiring harness

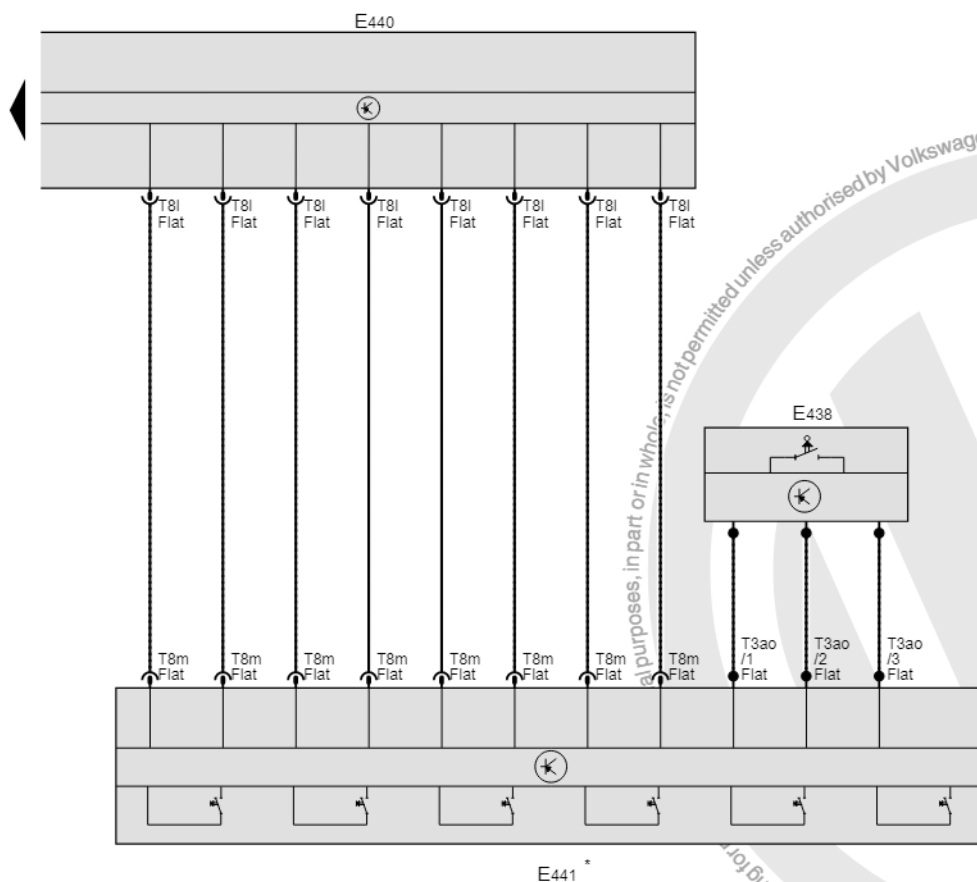
\* Only models with operating unit for radio



ws = white  
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 rt = red  
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 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector
- \* For models with interactive system

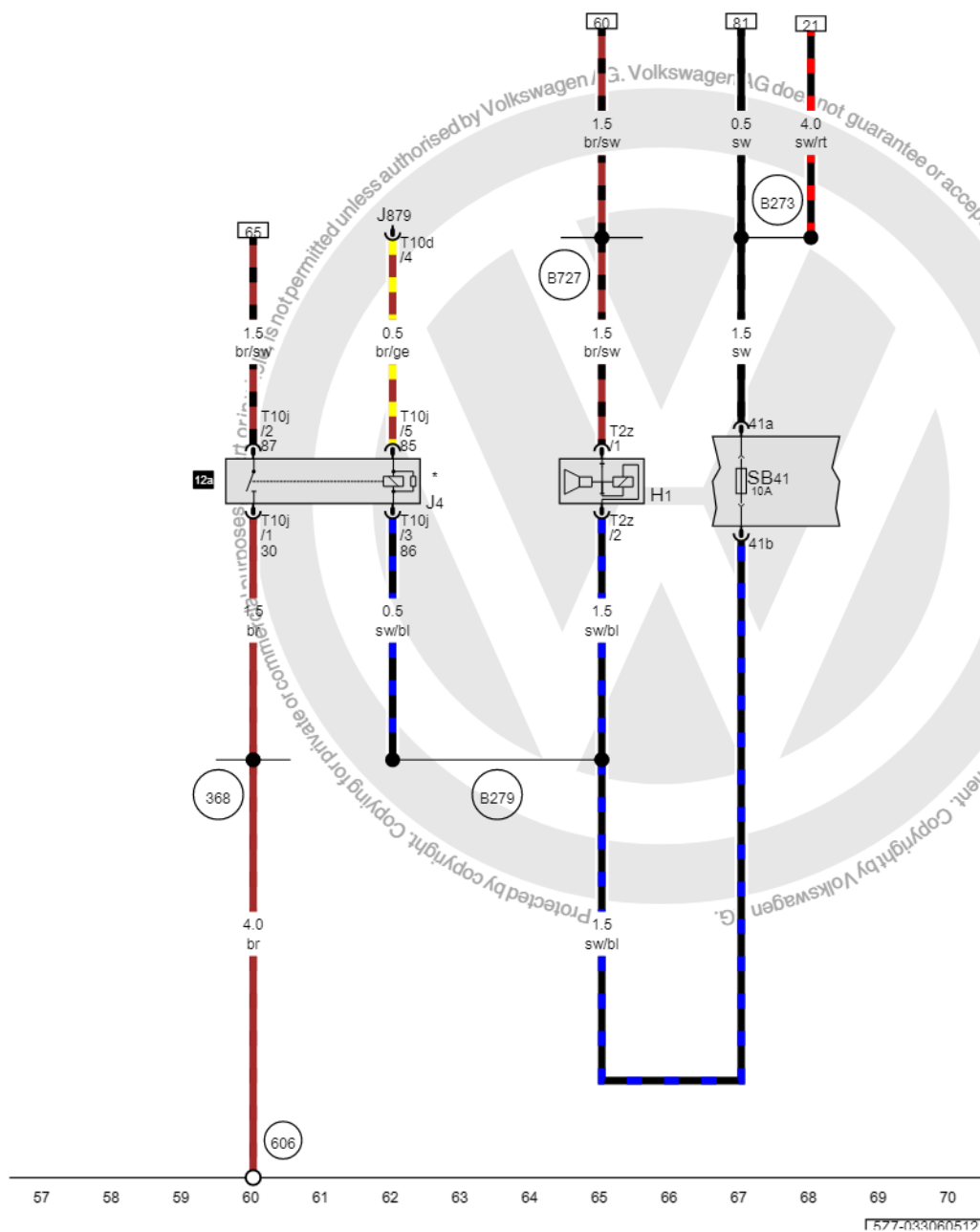


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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Horn or dual tone horn, Dual tone horn relay

H1 Horn or dual tone horn  
 J4 Dual tone horn relay  
 J879 Control unit for interactive system  
 SB41 Fuse 41 on fuse holder B  
 T2z 2-pin connector  
 T10d 10-pin connector  
 T10j 10-pin connector

368 Earth connection 3, in main wiring harness  
 606 Earth point, under the centre console near gear stick  
 B273 Positive connection (15), in main wiring harness  
 B279 Positive connection 3 (15a) in main wiring harness  
 B727 Connection (71a), in main wiring harness  
 \* Only models with airbag



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 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

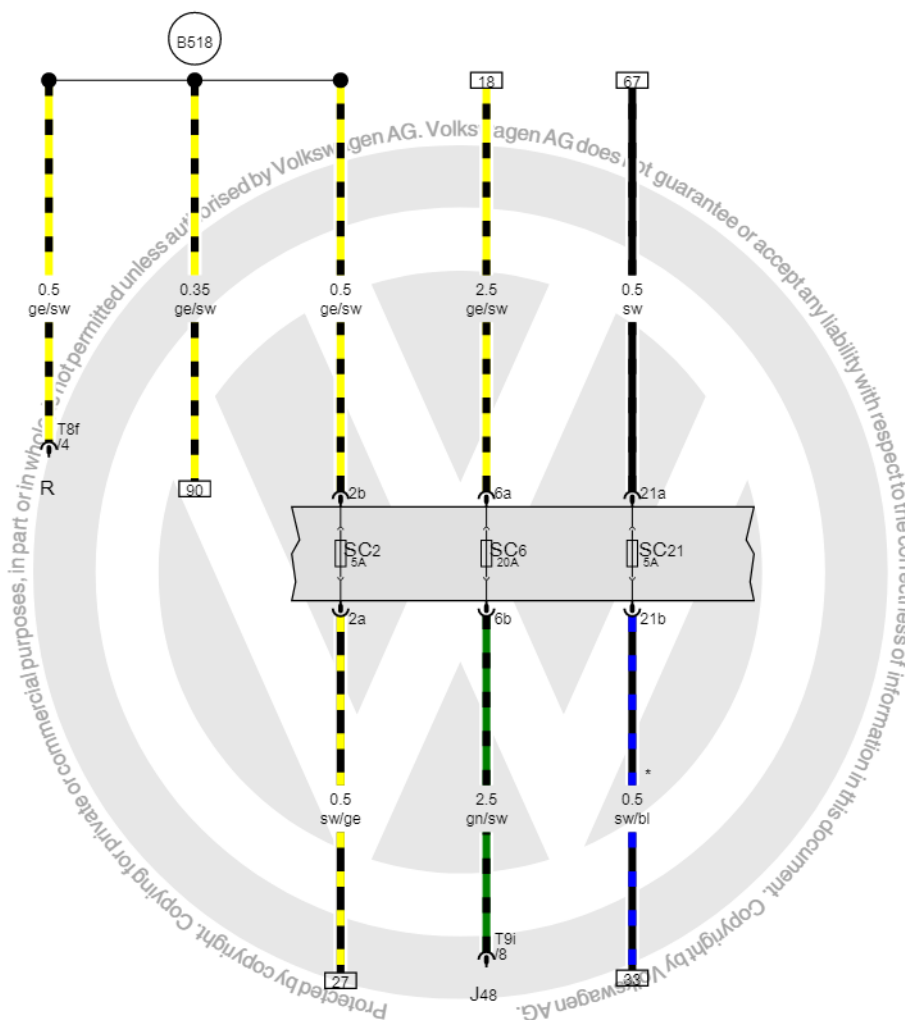


Fuse 2 on fuse holder C, Fuse 6 on fuse holder C, Fuse 21 on fuse holder C

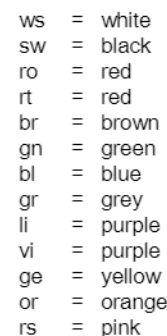
- J48 Heated rear window control relay
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T8f 8-pin connector
- T9i 9-pin connector

(B518) Connection (86s), in main wiring harness

\* Only models with operating unit for radio



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Diagnostic connection
~2	Only models with basic equipment

## Parking aid (PDC)

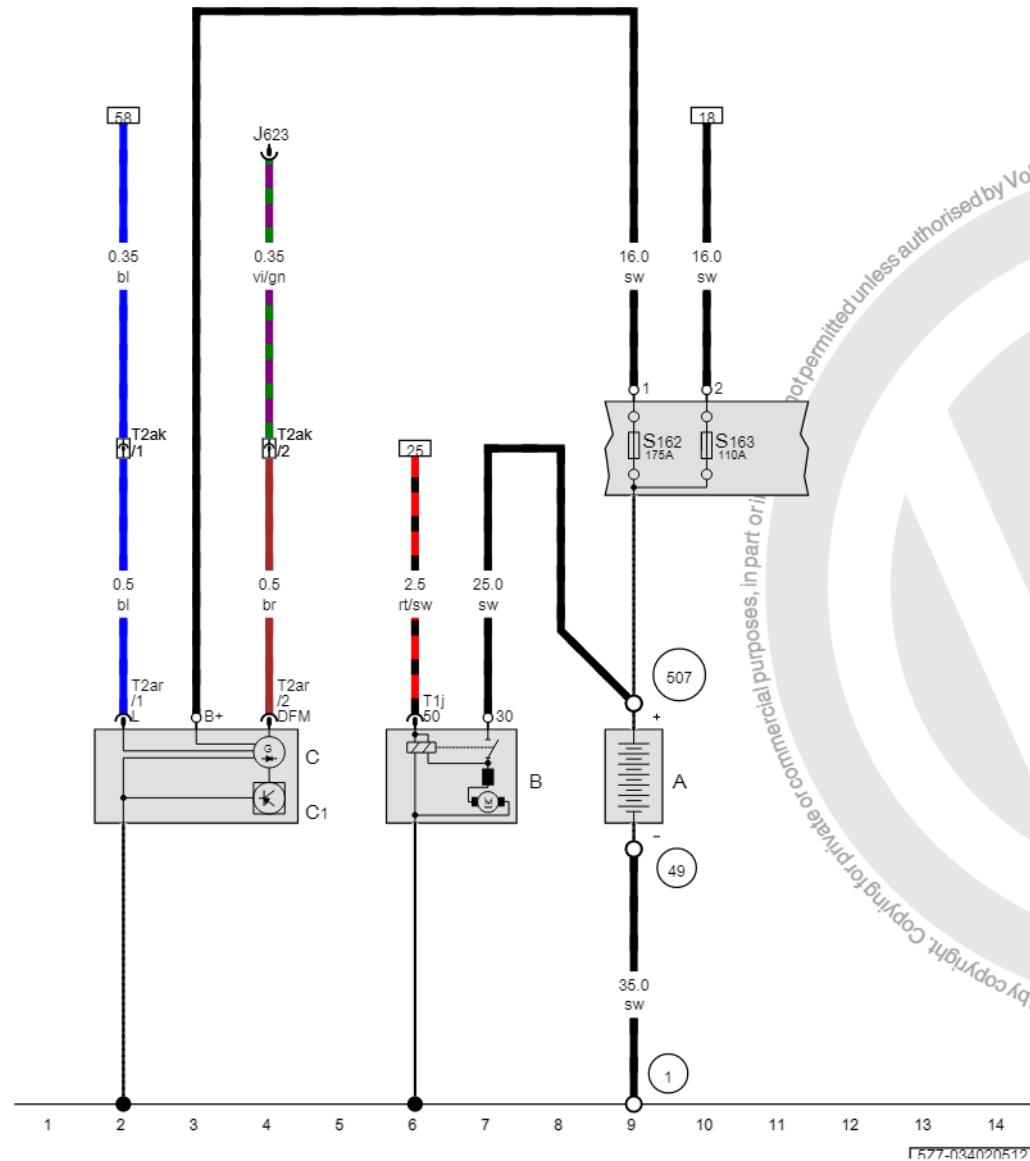
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



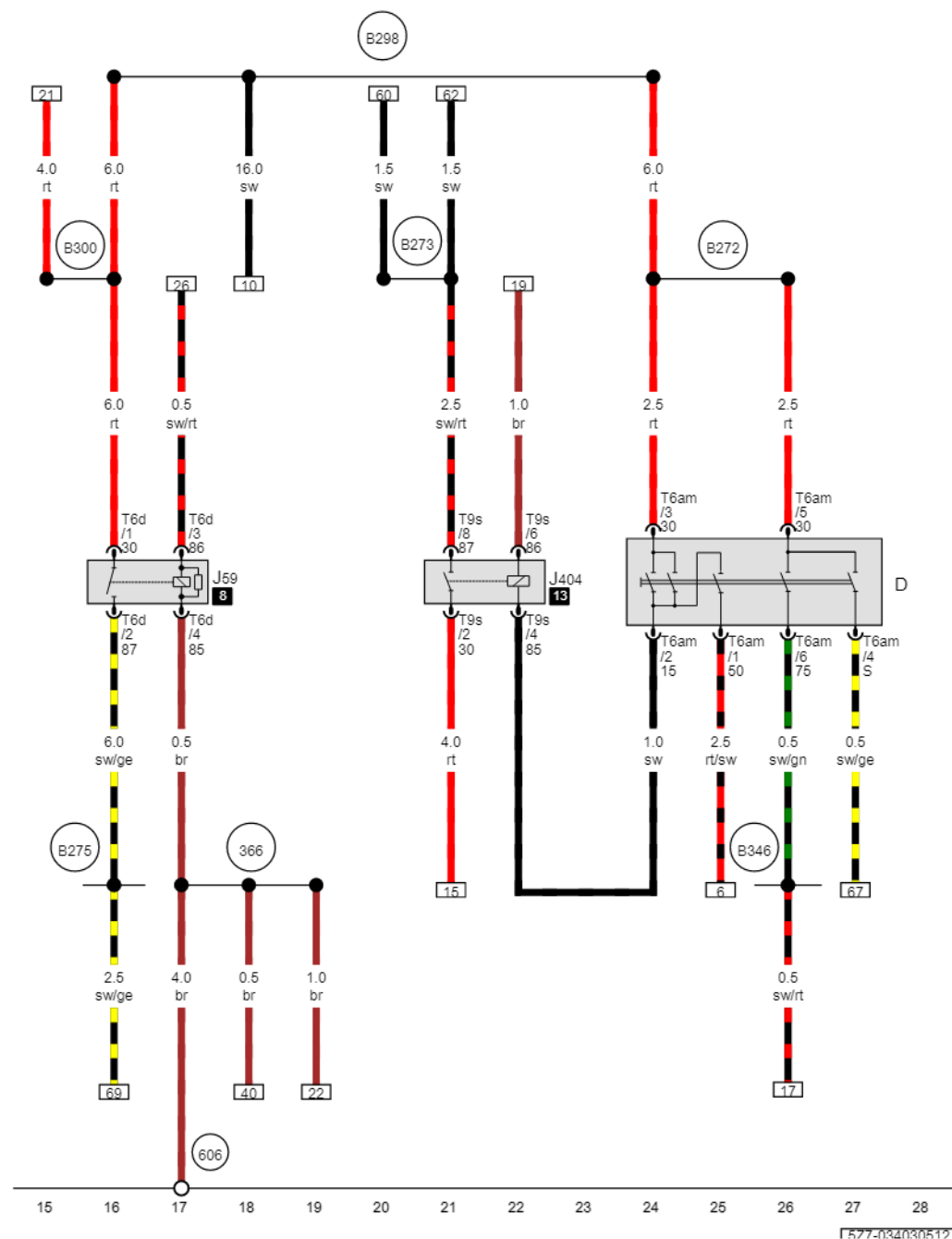
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- |      |                          |
|------|--------------------------|
| D    | Ignition/starter switch  |
| J59  | X-contact relief relay   |
| J404 | Terminal 15 relief relay |
| T6am | 6-pin connector          |
| T6d  | 6-pin connector          |
| T9s  | 9-pin connector          |

- |      |   |
|------|---|
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness      |
| B273 | Positive connection (15), in main wiring harness      |
| B275 | Positive connection (87), in main wiring harness      |
| B298 | Positive connection 2 (30), in main wiring harness    |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B346 | Connection 1 (75), in main wiring harness             |

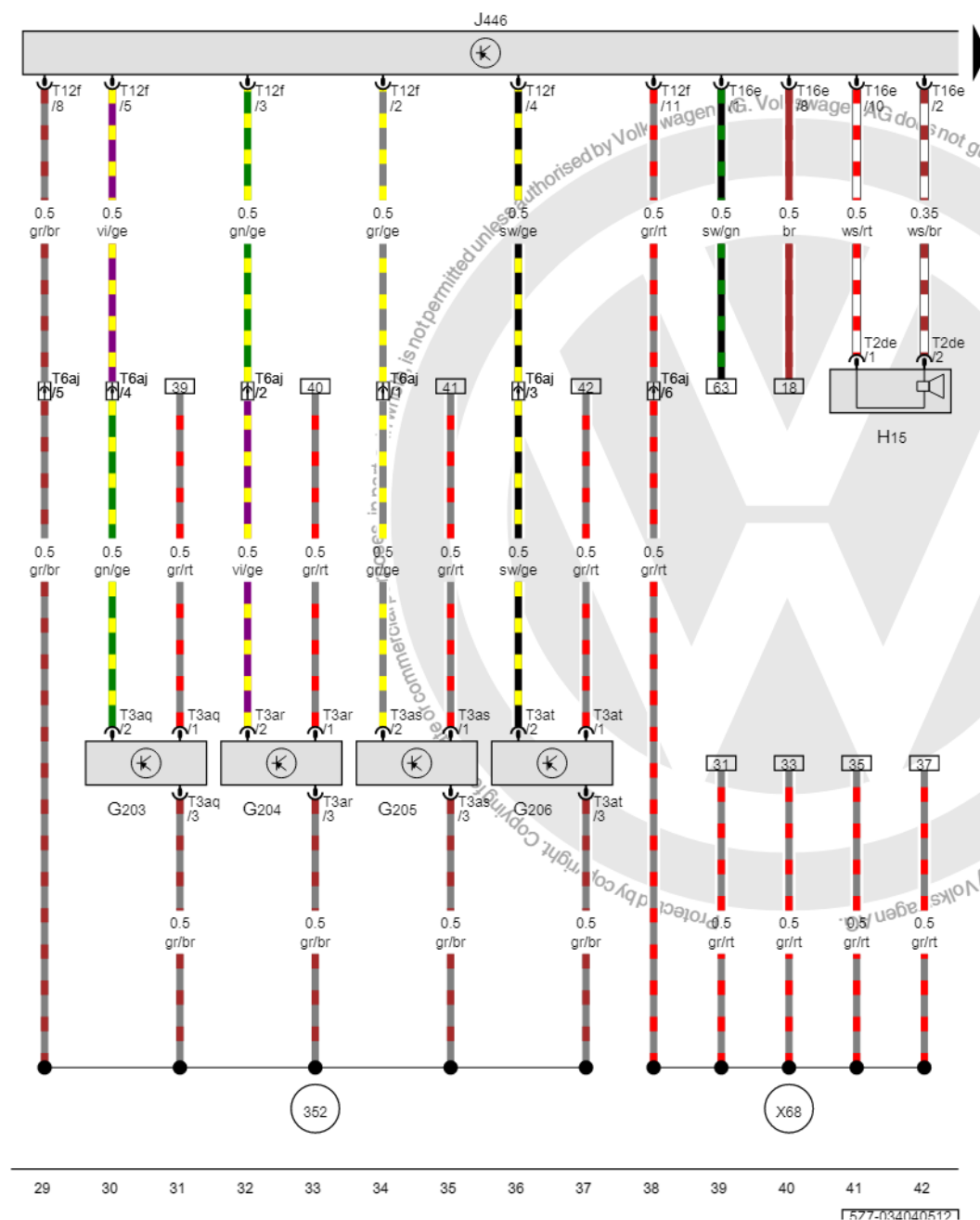
- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

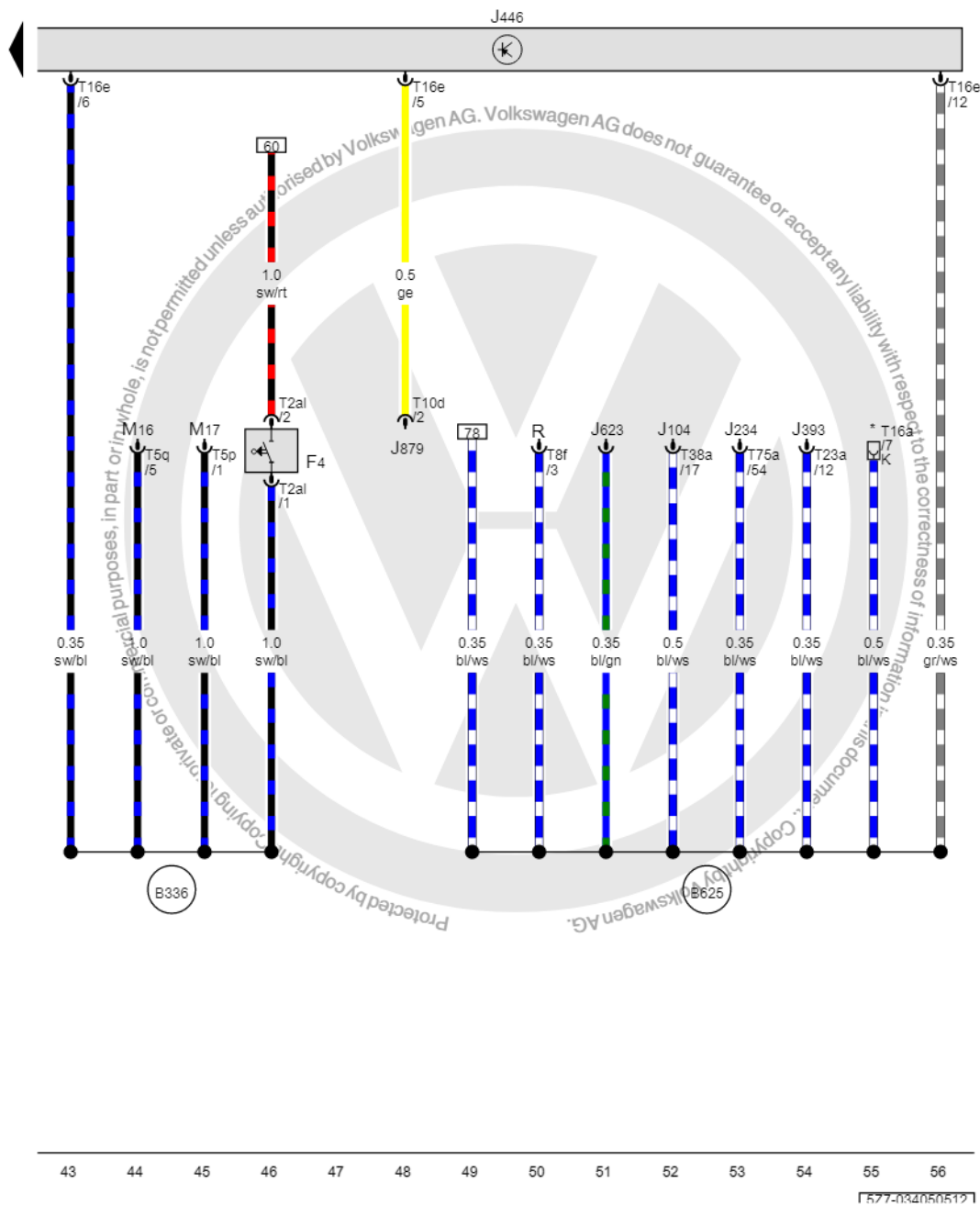


Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T2de 2-pin connector
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3as 3-pin connector
- T3at 3-pin connector
- T6aj 6-pin connector, behind rear bumper on left
- T12f 12-pin connector
- T16e 16-pin connector

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness





## Reversing light switch, Parking aid control unit

- |      |  |
|------|--|
| F4   | Reversing light switch                     |
| J104 | ABS control unit                           |
| J234 | Airbag control unit                        |
| J393 | Convenience system central control unit    |
| J446 | Parking aid control unit                   |
| J623 | Engine control unit                        |
| J879 | Control unit for interactive system        |
| M16  | Left reversing light bulb                  |
| M17  | Right reversing light bulb                 |
| R    | Radio                                      |
| T2al | 2-pin connector                            |
| T5p  | 5-pin connector                            |
| T5q  | 5-pin connector                            |
| T8f  | 8-pin connector                            |
| T10d | 10-pin connector                           |
| T16a | 16-pin connector, on diagnostic connection |
| T16e | 16-pin connector                           |
| T23a | 23-pin connector                           |
| T38a | 38-pin connector                           |
| T75a | 75-pin connector                           |

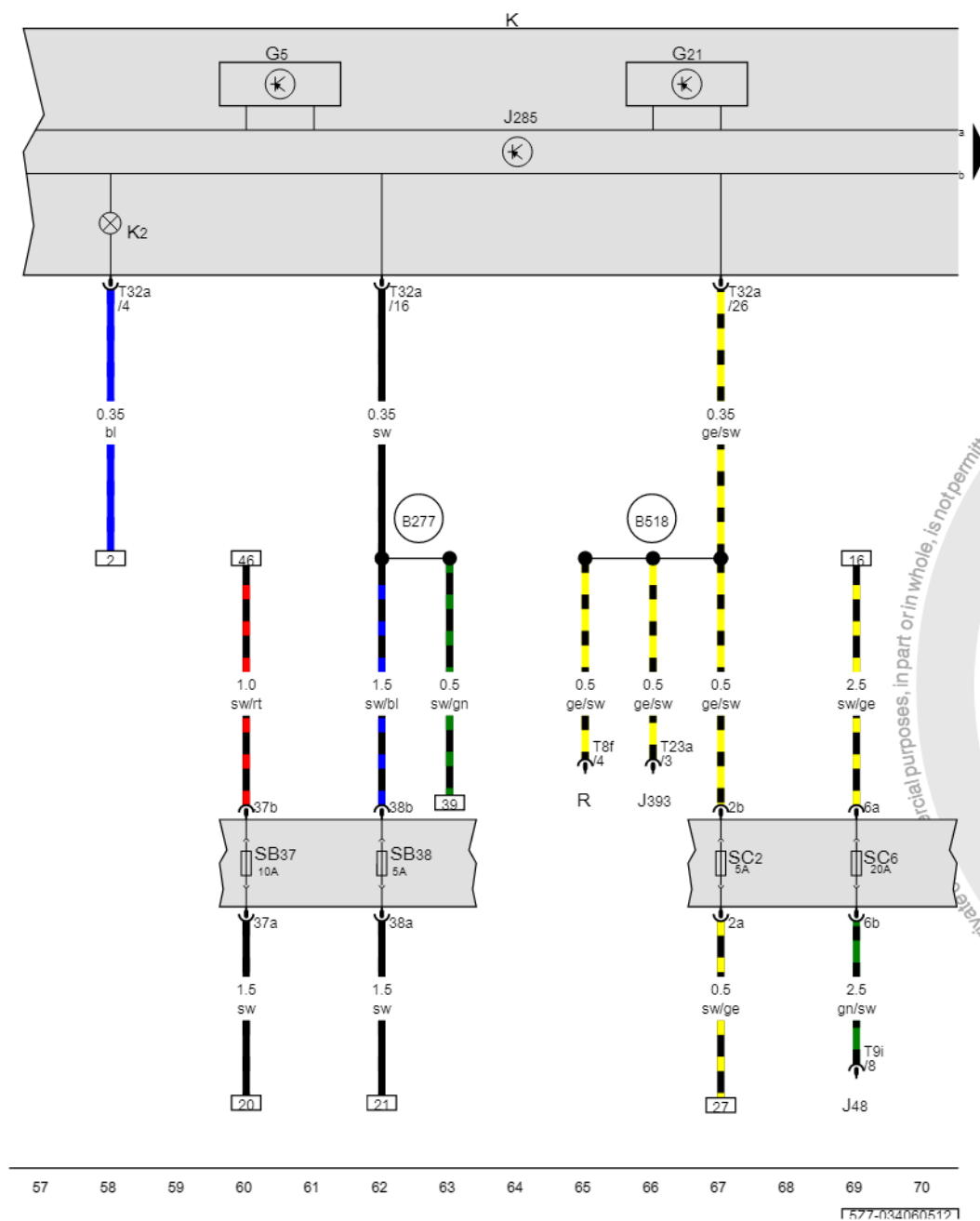
- |  |  |
|--|--|
| <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-bottom: 10px;">B336</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">B625</div> | <p>Connection 2 (54), in main wiring harness</p> <p>Connection (K-diagnosis wire), in main wiring harness</p> <p>Diagnostic connection</p> |
|--|--|

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

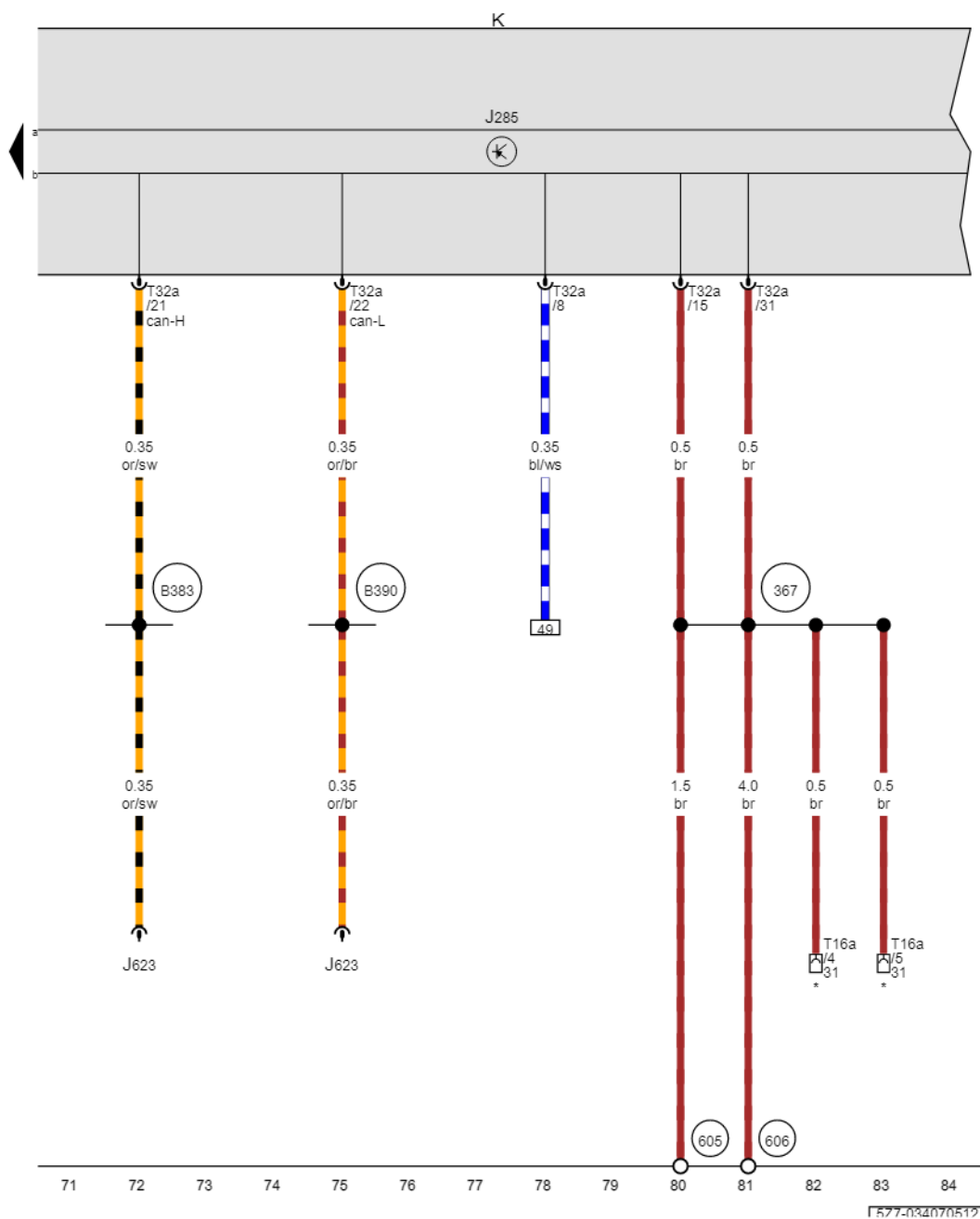
Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- J393 Convenience system central control unit
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T8f 8-pin connector
- T9i 9-pin connector
- T23a 23-pin connector
- T32a 32-pin connector

- (B277) Positive connection 1 (15a) in main wiring harness
- (B518) Connection (86s), in main wiring harness







# Control unit in dash panel insert, Dash panel insert

- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- T16a 16-pin connector, on diagnostic connection
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Diagnostic connection

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## System for lowering passenger side mirror

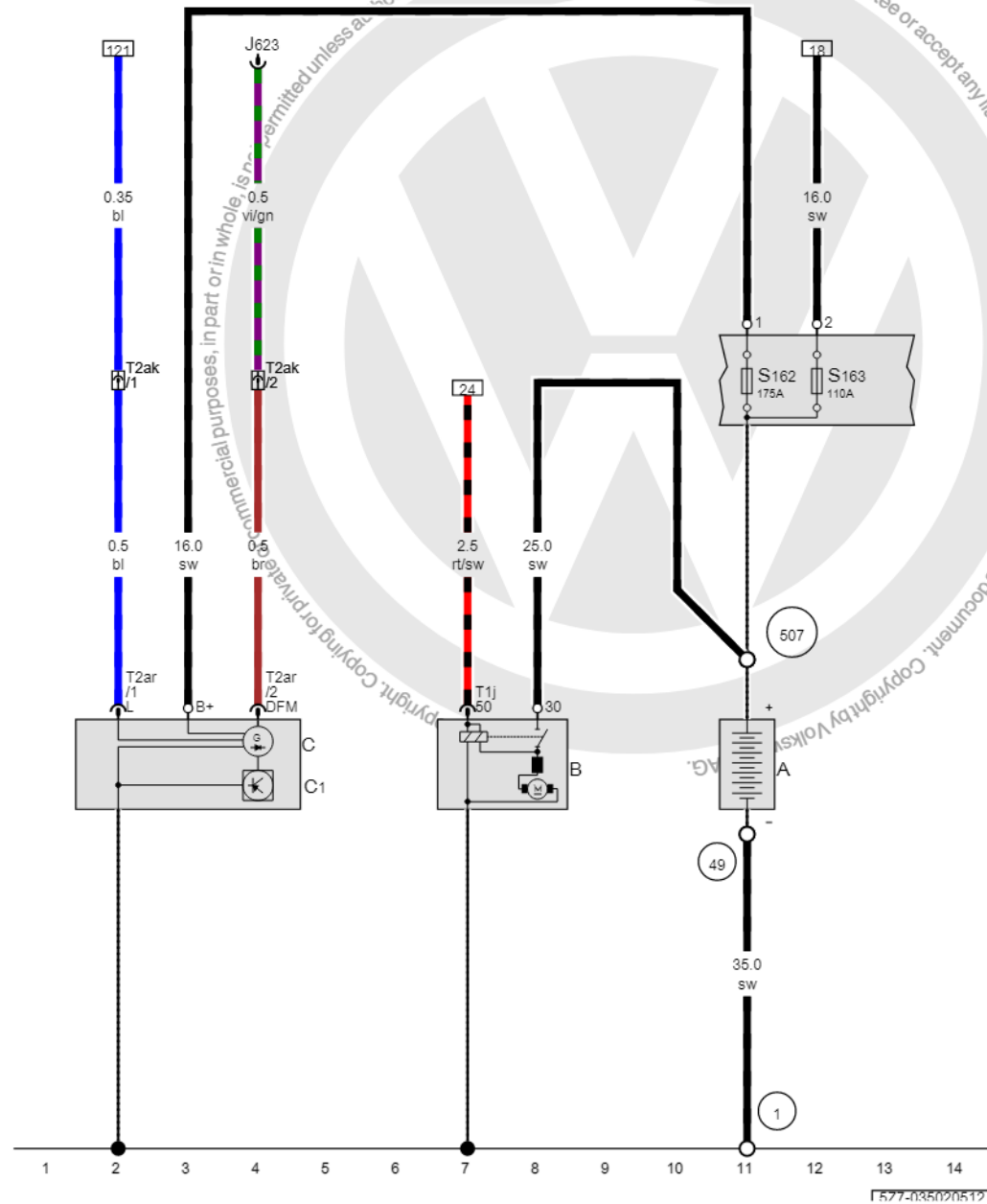
From April 2012



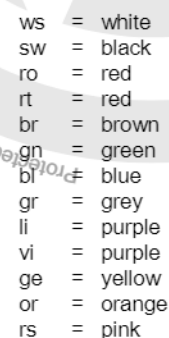
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ...
- 507 Threaded connection (30), on battery fuse holder

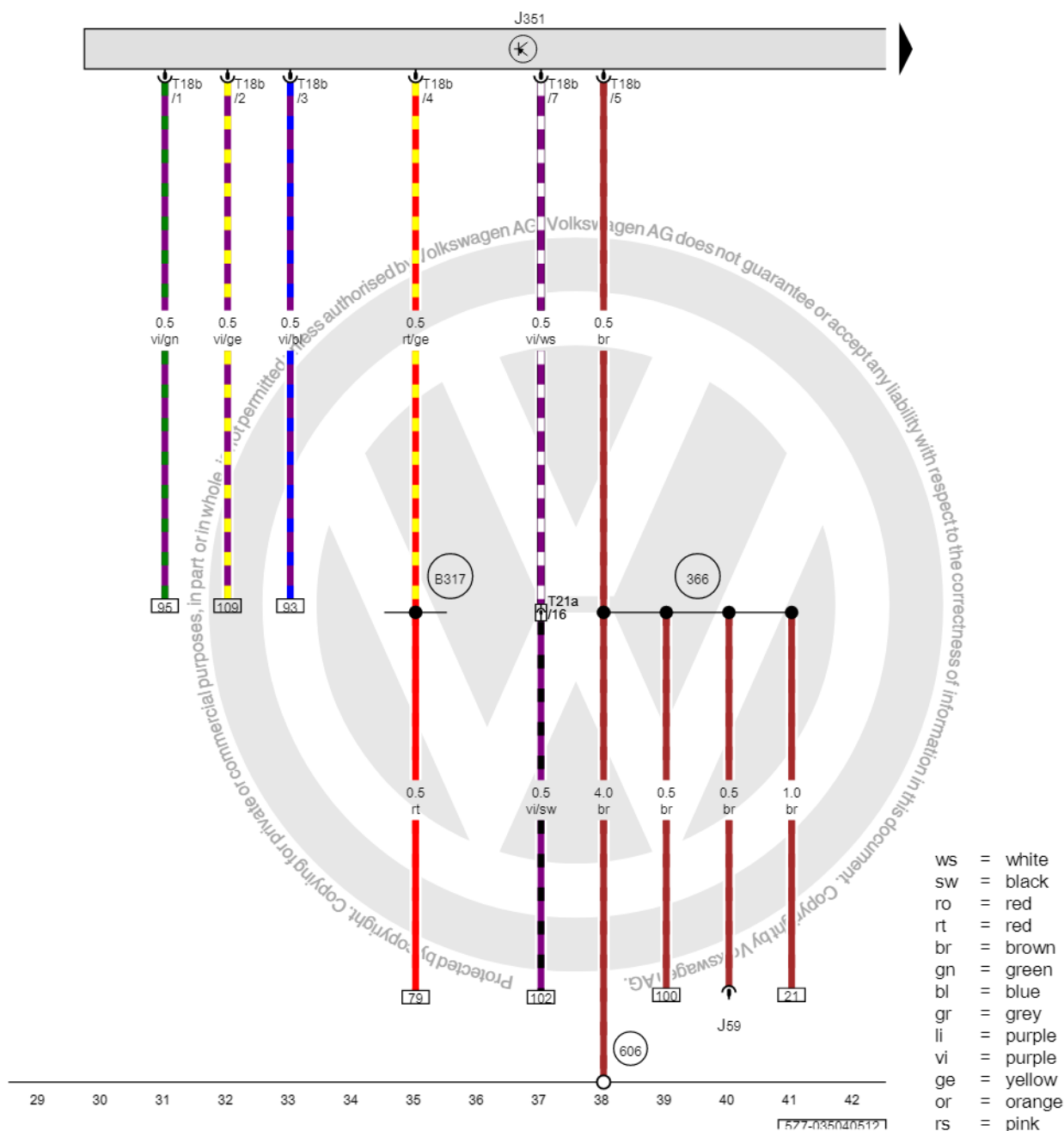


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

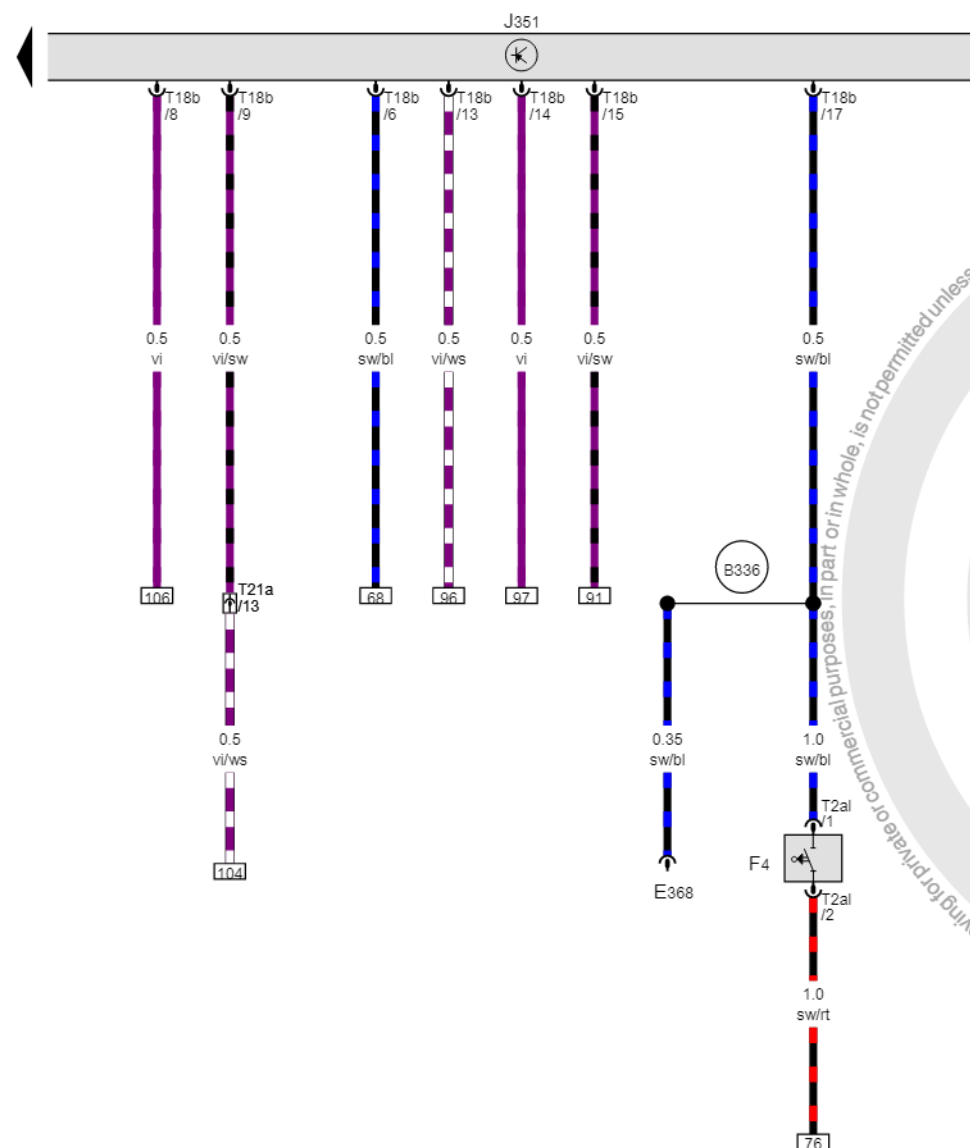


Folding exterior mirror control unit

- J59 X-contact relief relay  
 J351 Folding exterior mirror control unit  
 T18b 18-pin connector  
 T21a 21-pin connector, in front left door
- 366 Earth connection 1, in main wiring harness  
 606 Earth point, under the centre console near gear stick  
 B317 Positive connection 3 (30a) in main wiring harness



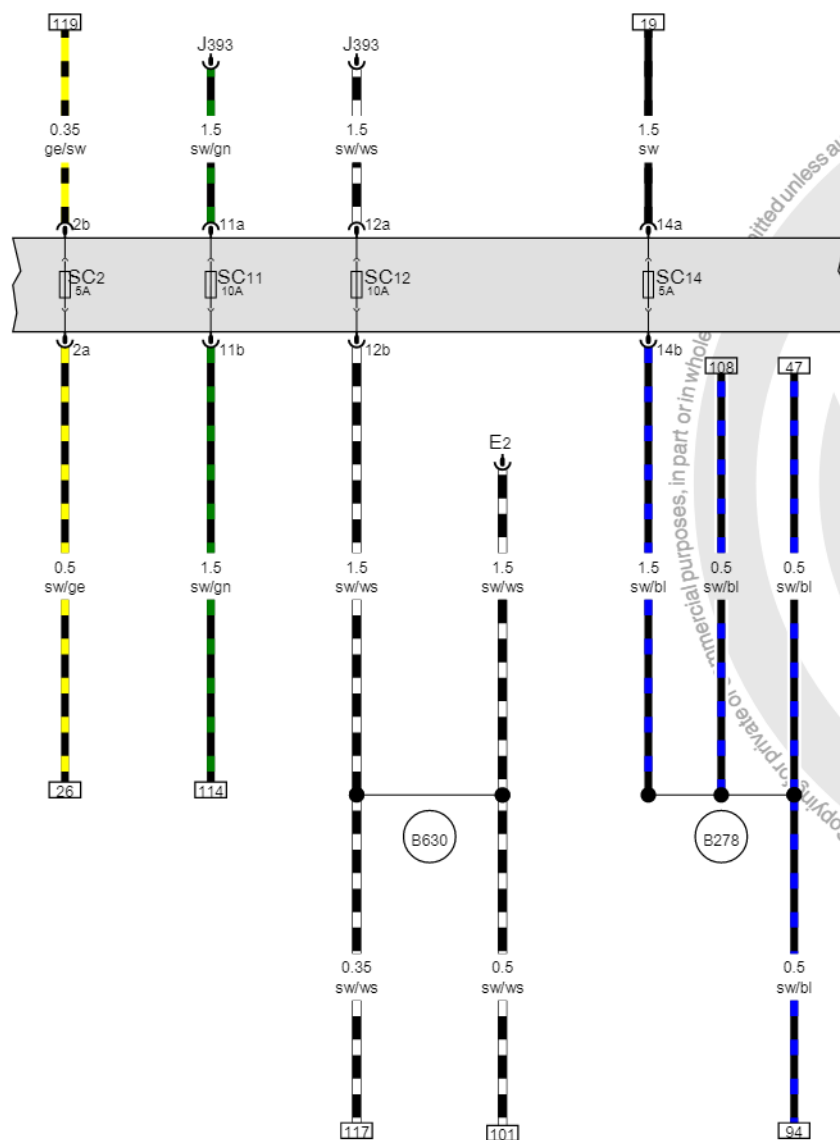
Reversing light switch, Folding exterior mirror control unit



- E368 Weapons box button
- F4 Reversing light switch
- J351 Folding exterior mirror control unit
- T2al 2-pin connector
- T18b 18-pin connector
- T21a 21-pin connector, in front left door
- B336 Connection 2 (54), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Fuse 2 on fuse holder C, Fuse 11 on fuse holder C, Fuse 12 on fuse holder C, Fuse 14 on fuse holder C



- E2 Turn signal switch
- J393 Convenience system central control unit
- SC2 Fuse 2 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- B278 Positive connection 2 (15a) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 37 on fuse holder B, Fuse 39 on fuse holder B

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB37 Fuse 37 on fuse holder B

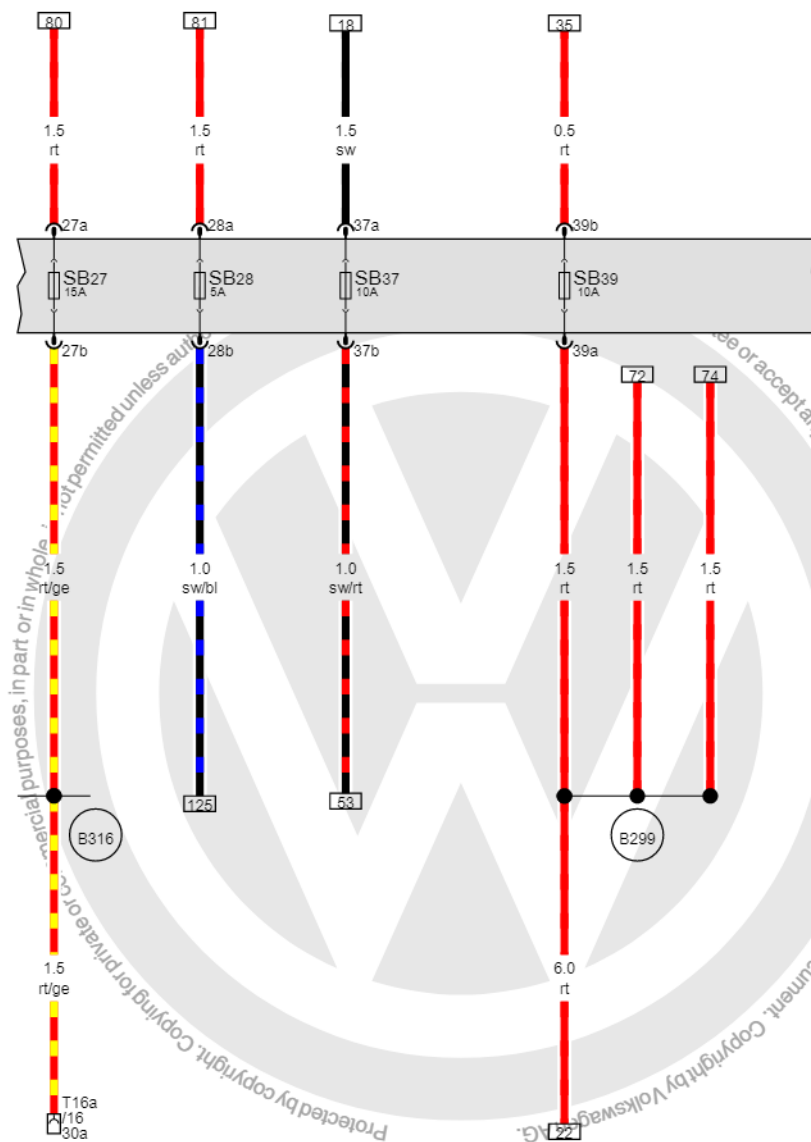
SB39 Fuse 39 on fuse holder B

T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

\* Diagnostic connection



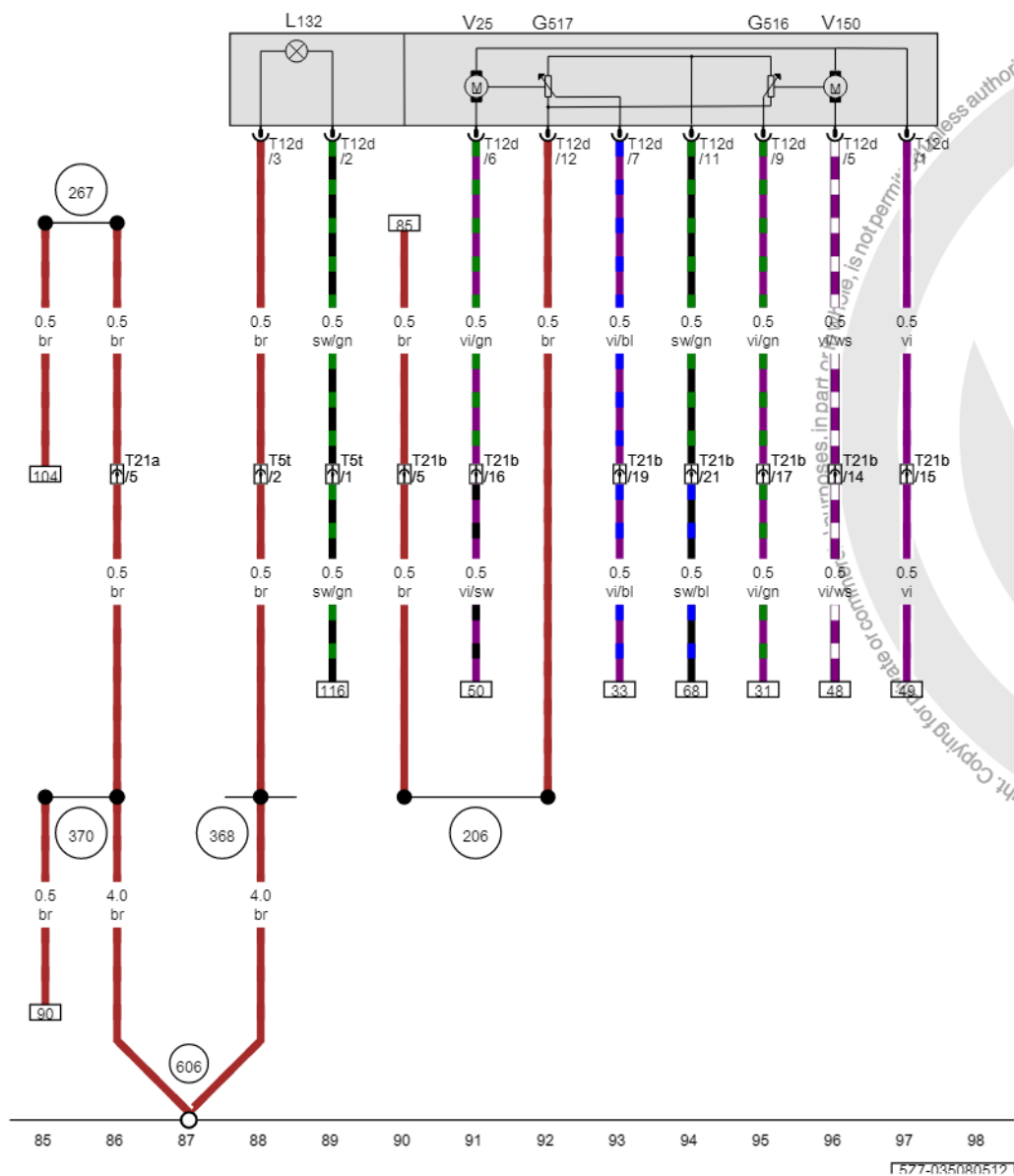
ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Potentiometer for horizontal adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

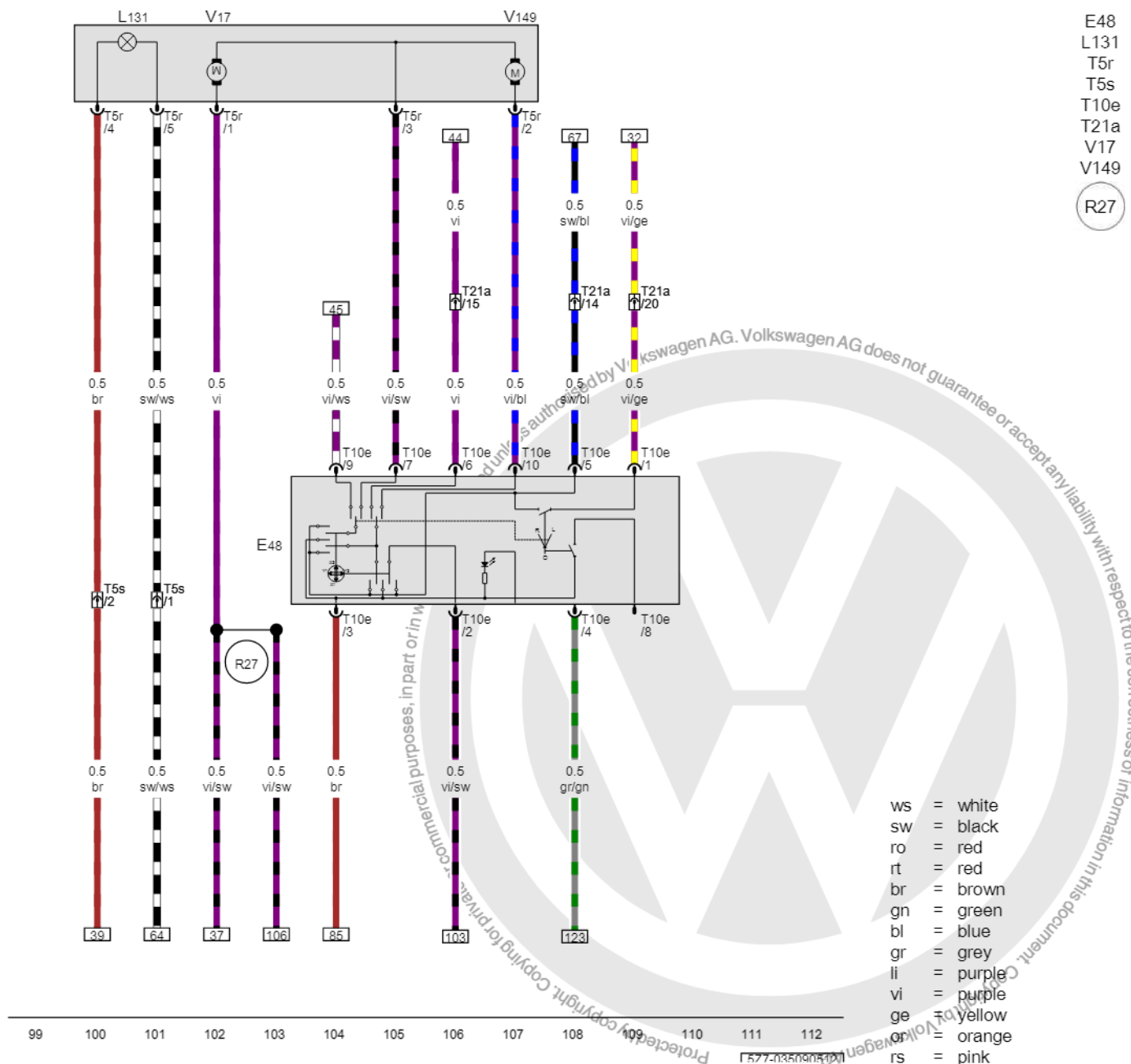
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector, in front left door, in front right door
- T12d 12-pin connector
- T21a 21-pin connector, in front left door
- T21b 21-pin connector, in front right door
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick



Mirror adjustment changeover switch, Driver side turn signal repeater bulb, Driver side mirror adjustment motor

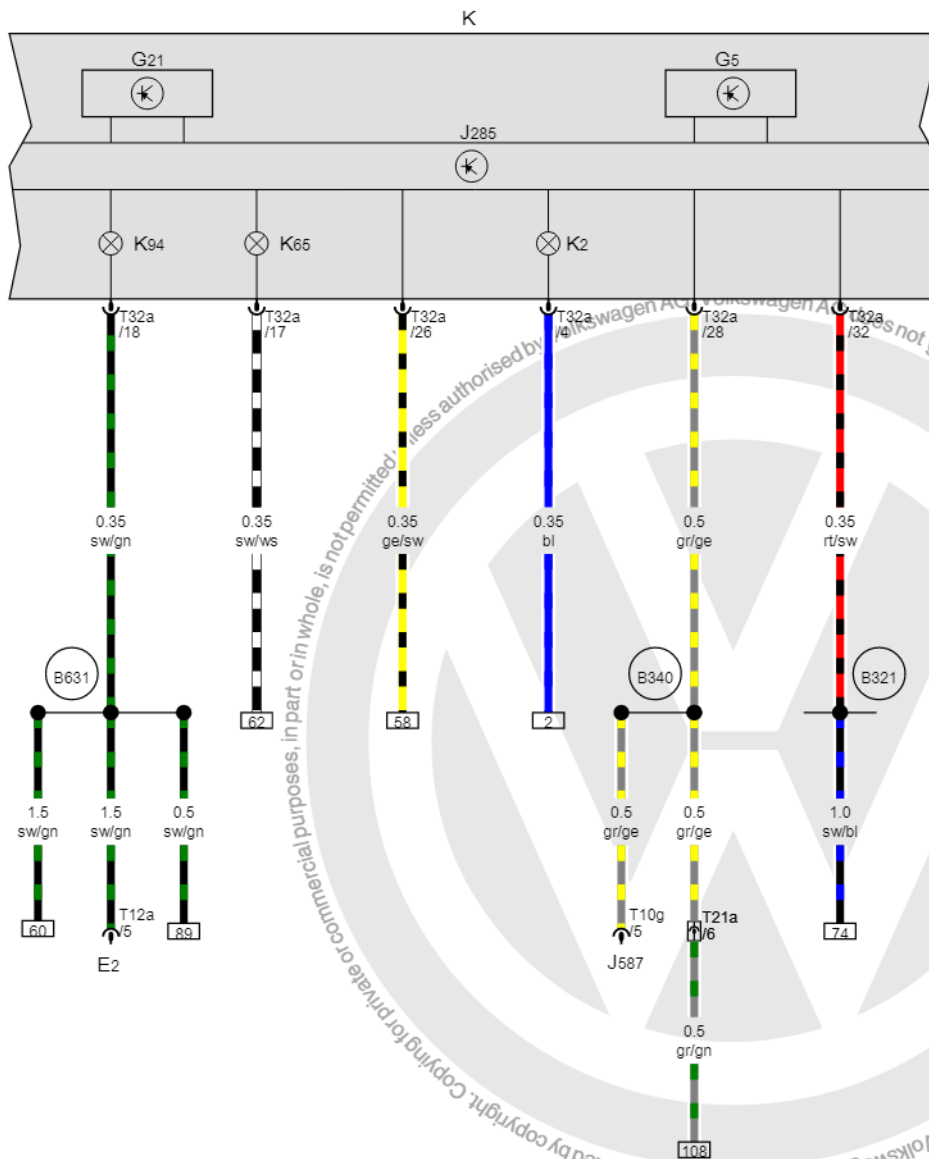
- E48 Mirror adjustment changeover switch
- L131 Driver side turn signal repeater bulb
- T5r 5-pin connector
- T5s 5-pin connector, in front left door
- T10e 10-pin connector
- T21a 21-pin connector, in front left door
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- R27 Connection (mirror adjustment), in driver door wiring harness



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- E2 Turn signal switch
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J587 Selector lever sensors control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T10g 10-pin connector
- T12a 12-pin connector
- T21a 21-pin connector, in front left door
- T32a 32-pin connector

- B321 Positive connection 7 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Dual headlight

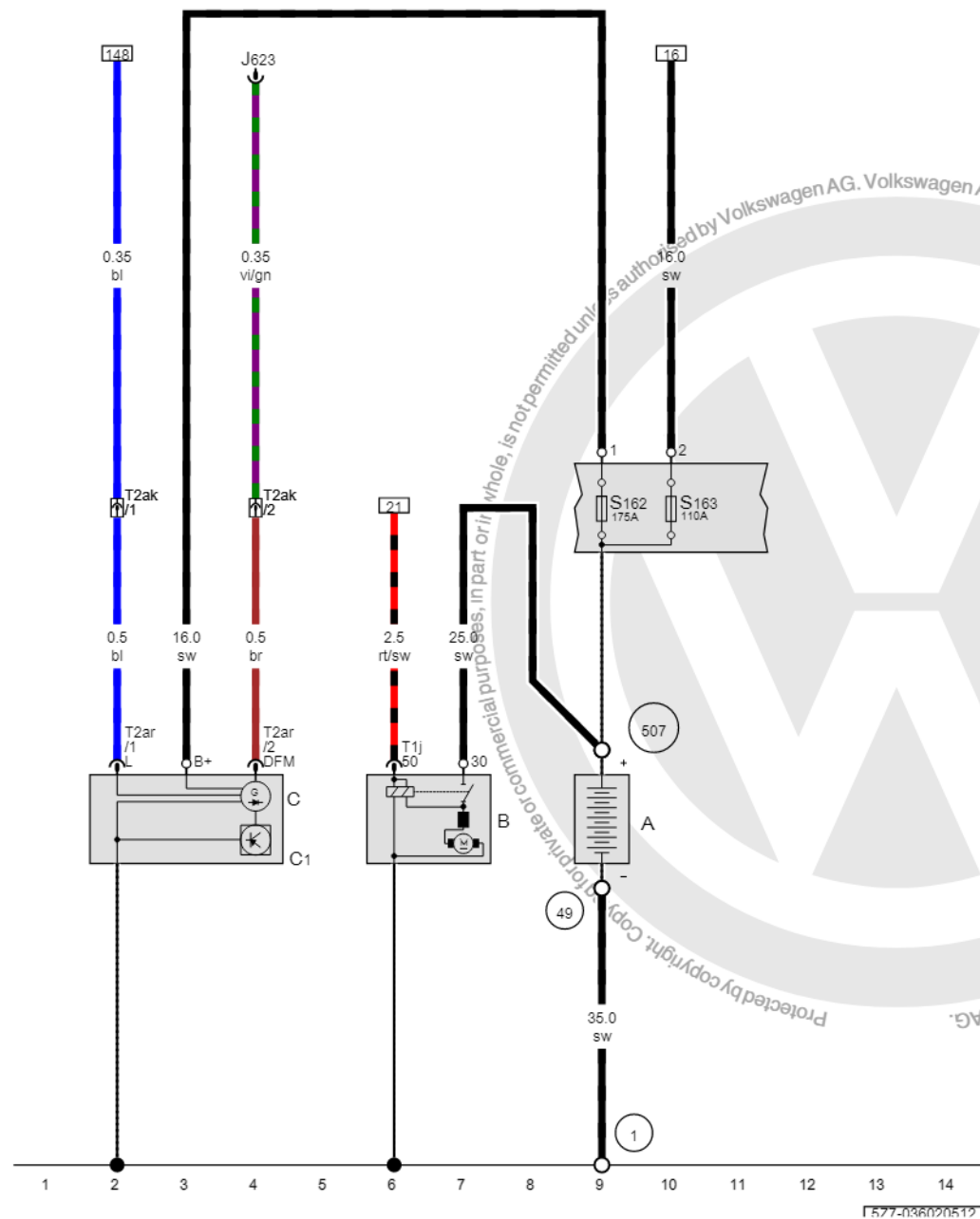
From April 2012



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

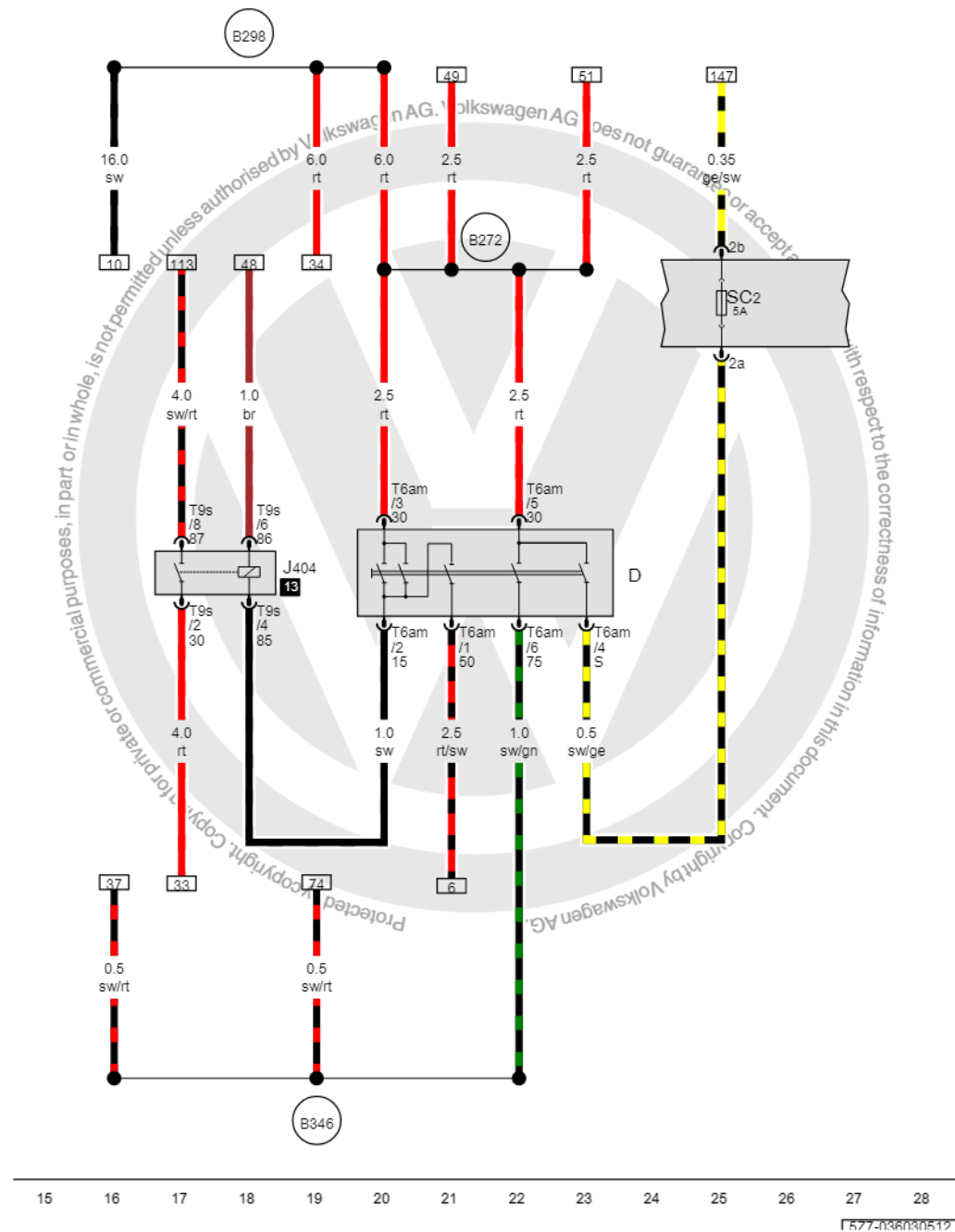


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, Terminal 15 relief relay

D Ignition/starter switch  
J404 Terminal 15 relief relay  
SC2 Fuse 2 on fuse holder C  
T6am 6-pin connector  
T9s 9-pin connector

B272 Positive connection (30), in main wiring harness  
B298 Positive connection 2 (30), in main wiring harness  
B346 Connection 1 (75), in main wiring harness



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- H Horn plate
- H1 Horn or dual tone horn
- H23 Horn activation contact ring
- T1gh Single connector
- T1h Single connector
- T2z 2-pin connector
- T12a 12-pin connector

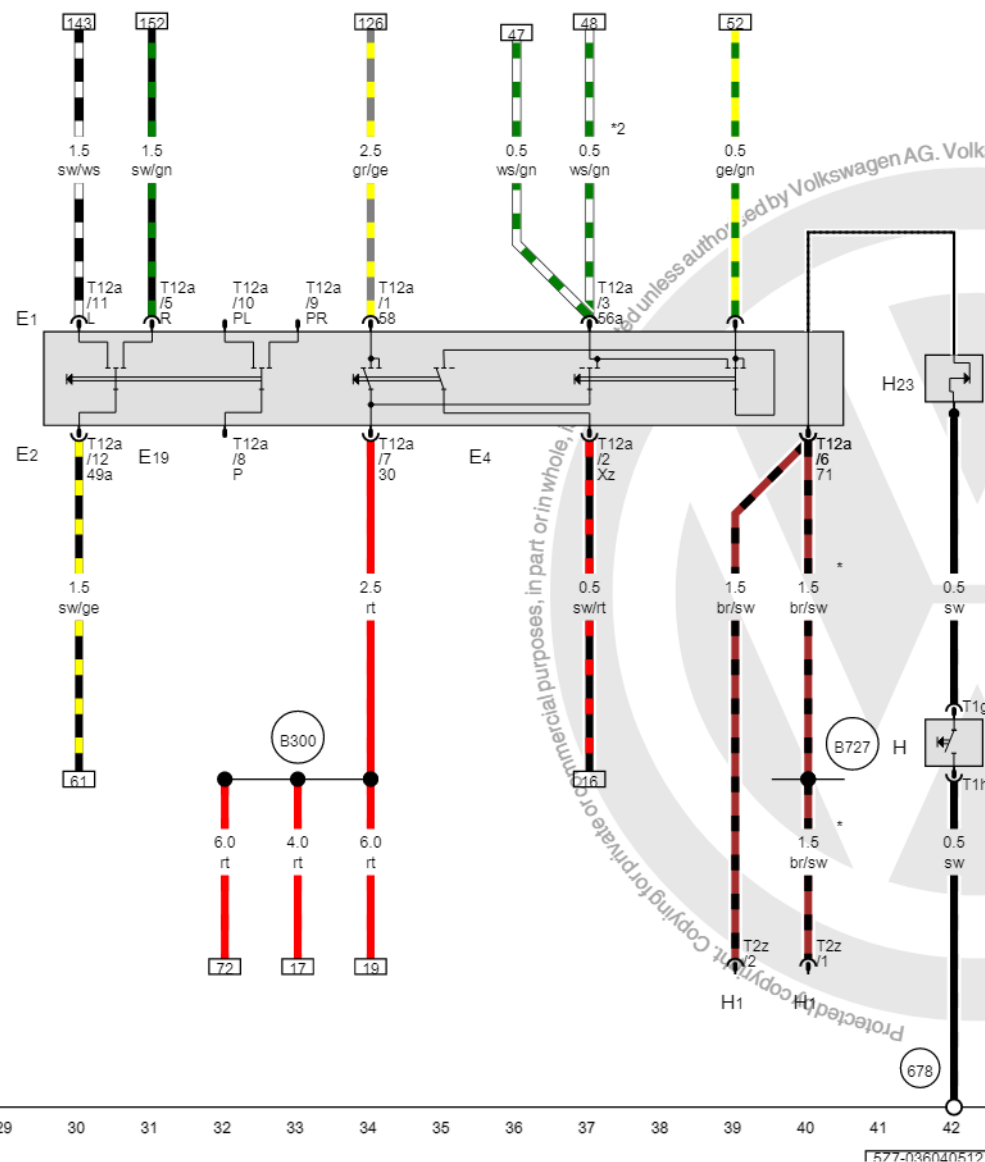
678 Earth point, on steering wheel

B300 Positive connection 4 (30), in main wiring harness

B727 Connection (71a), in main wiring harness

\* Only models with multifunction steering wheel

\*2 Only CROSS models



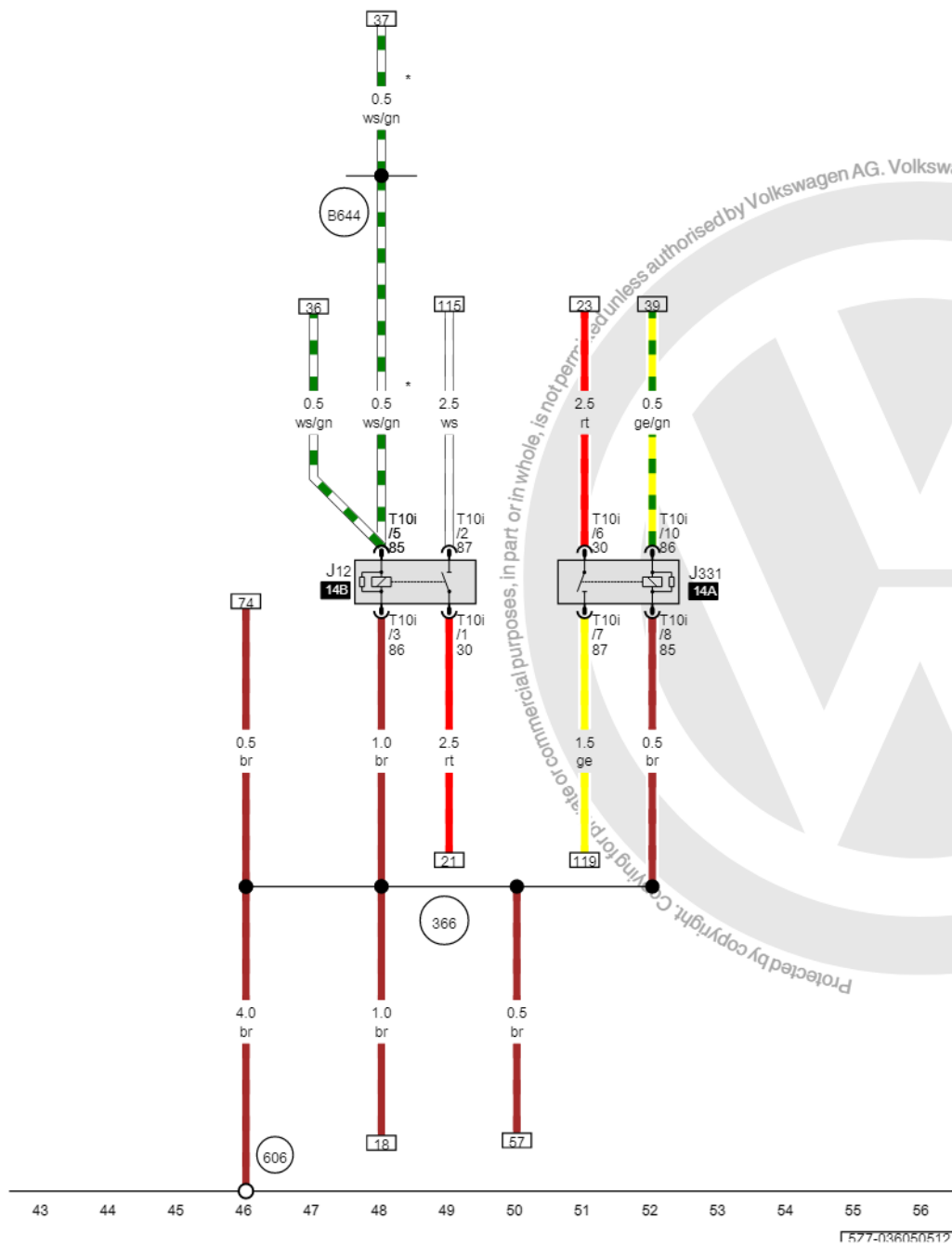
J12 Headlight main beam relay  
J331 Dipped beam relay  
T10i 10-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

\* Only CROSS models

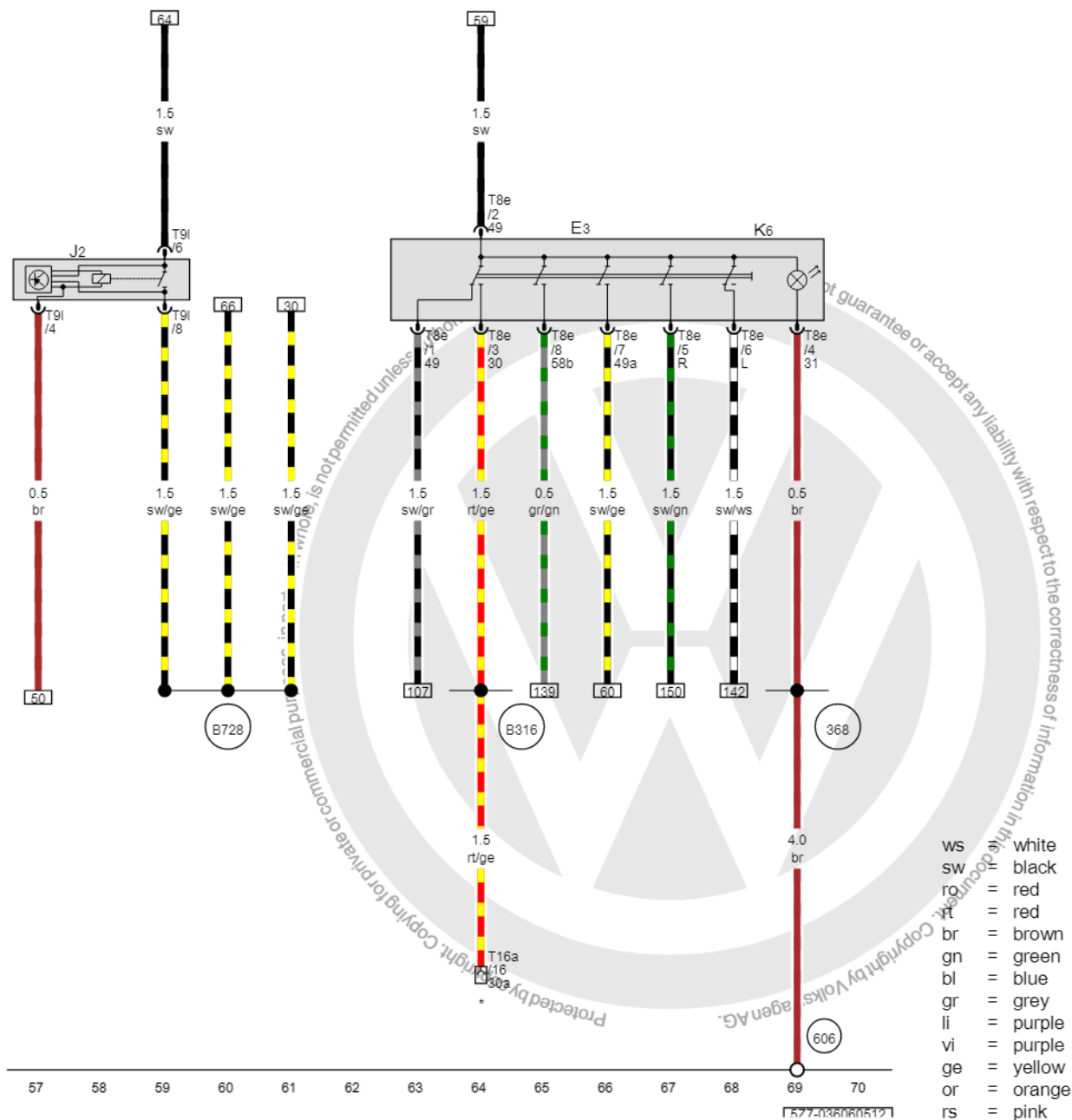




Hazard warning light switch, Hazard warning light relay,  
Indicator lamp for hazard warning light

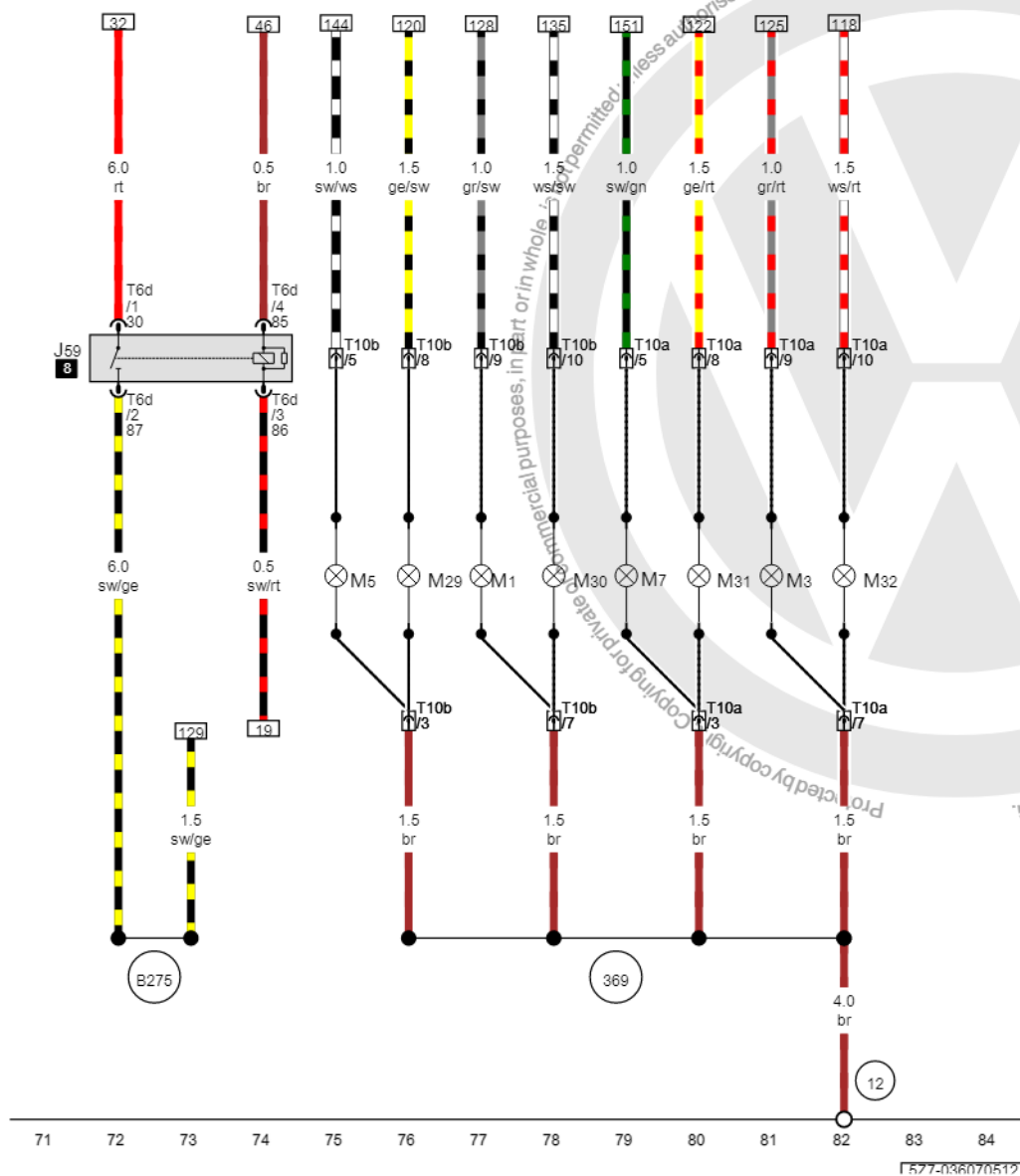
- E3 Hazard warning light switch
- J2 Hazard warning light relay
- K6 Indicator lamp for hazard warning light
- T8e 8-pin connector
- T9i 9-pin connector
- T16a 16-pin connector

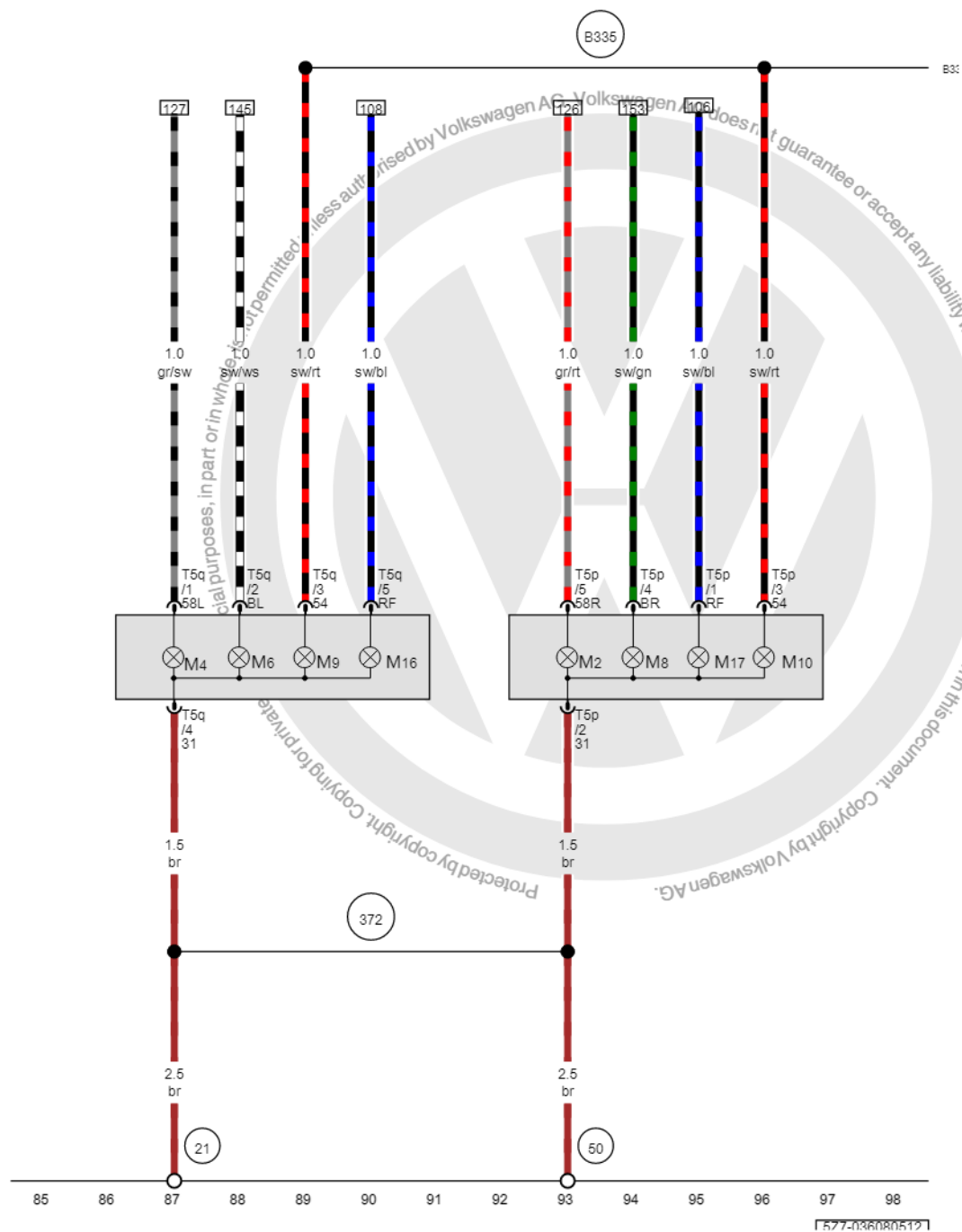
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B316 Positive connection 2 (30a) in main wiring harness
- B728 Connection (49a), in main wiring harness
- \* Diagnostic connection



X-contact relief relay, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- J59 X-contact relief relay
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T6d 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B275 Positive connection (87), in main wiring harness

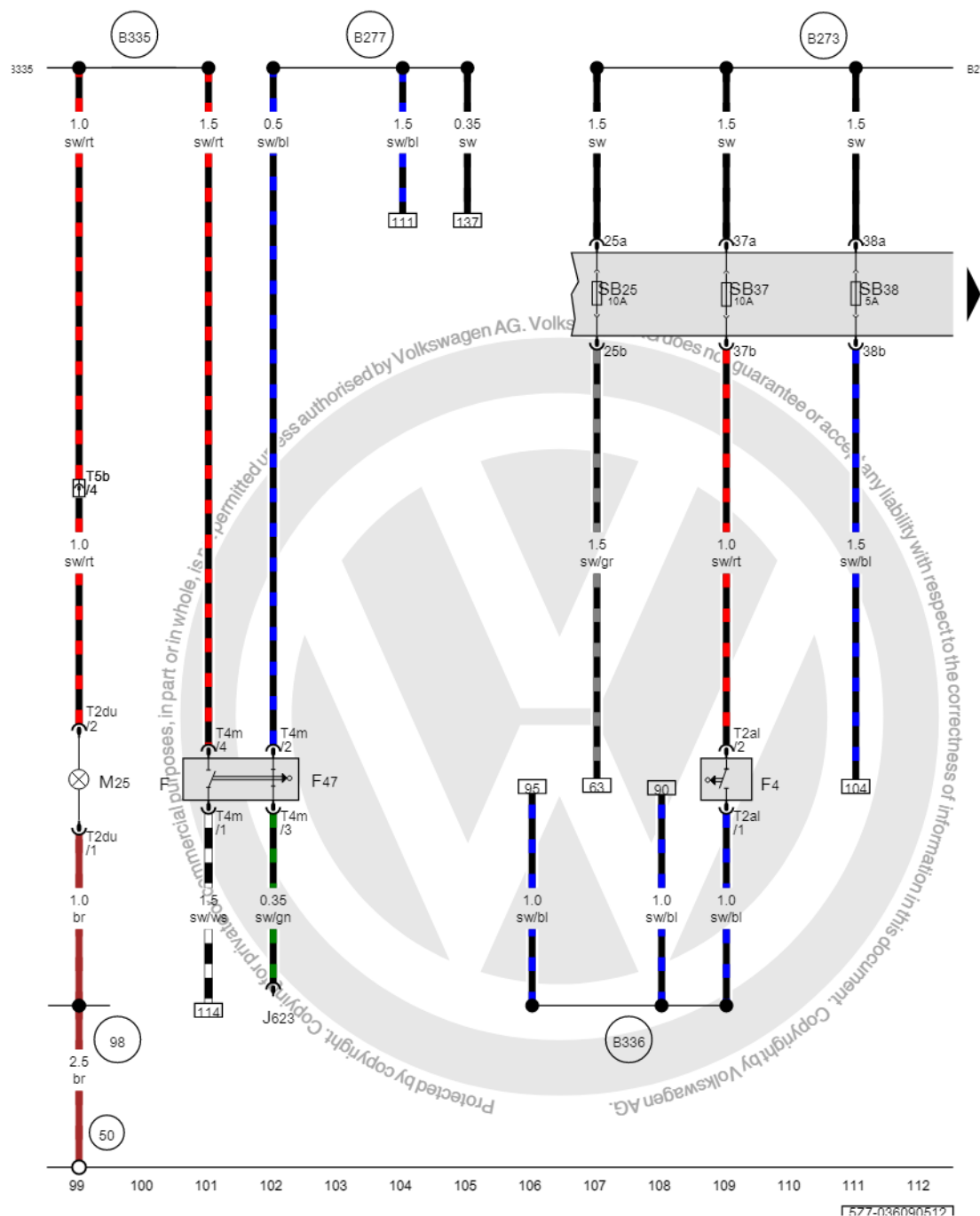


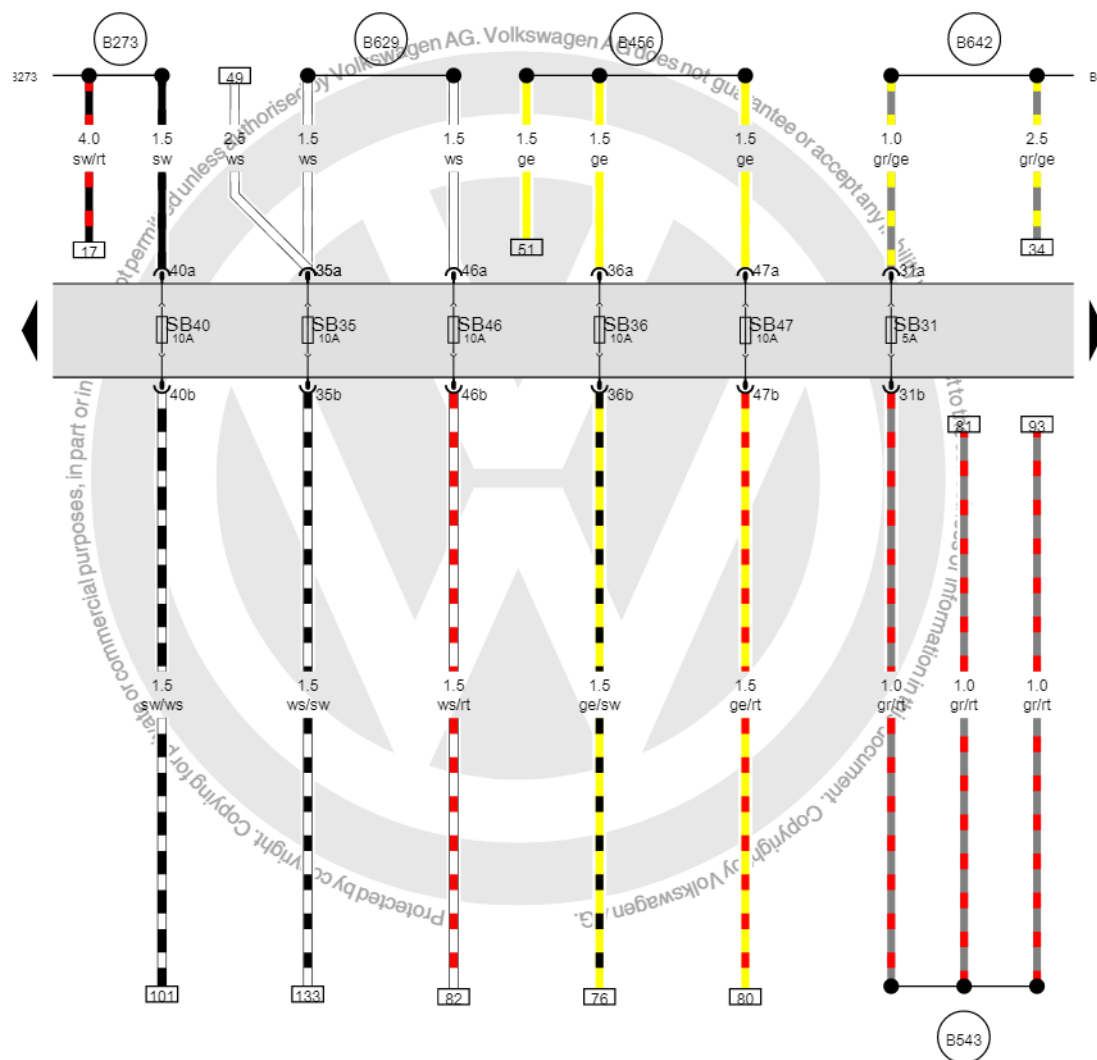


Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness



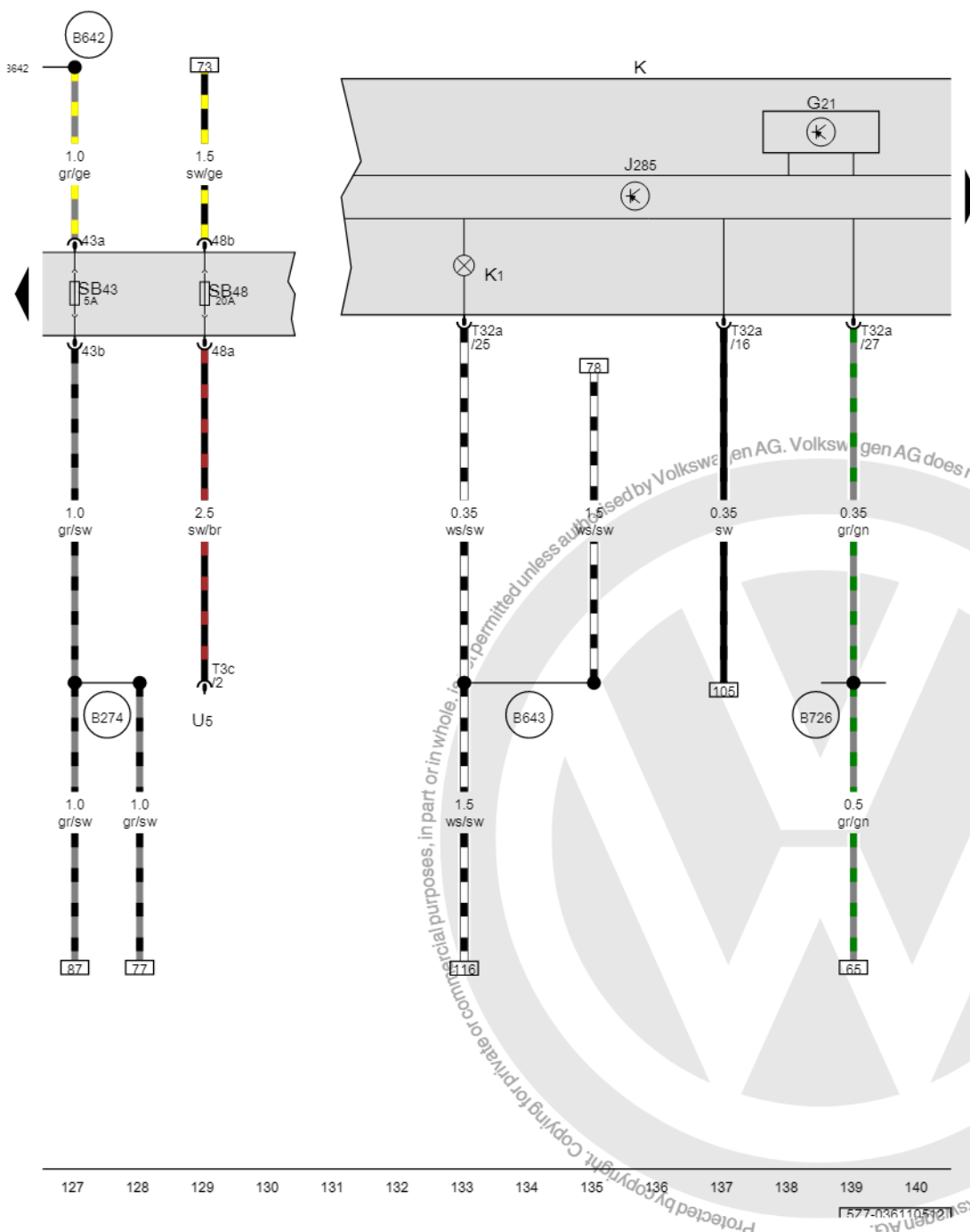


Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 36 on fuse holder B, Fuse 40 on fuse holder B, Fuse 46 on fuse holder B, Fuse 47 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- SB47 Fuse 47 on fuse holder B

- (B273) Positive connection (15), in main wiring harness
- (B456) Connection (56b), in main wiring harness
- (B543) Positive connection (58R), in main wiring harness
- (B629) Connection (56a), in main wiring harness
- (B642) Positive connection (58), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

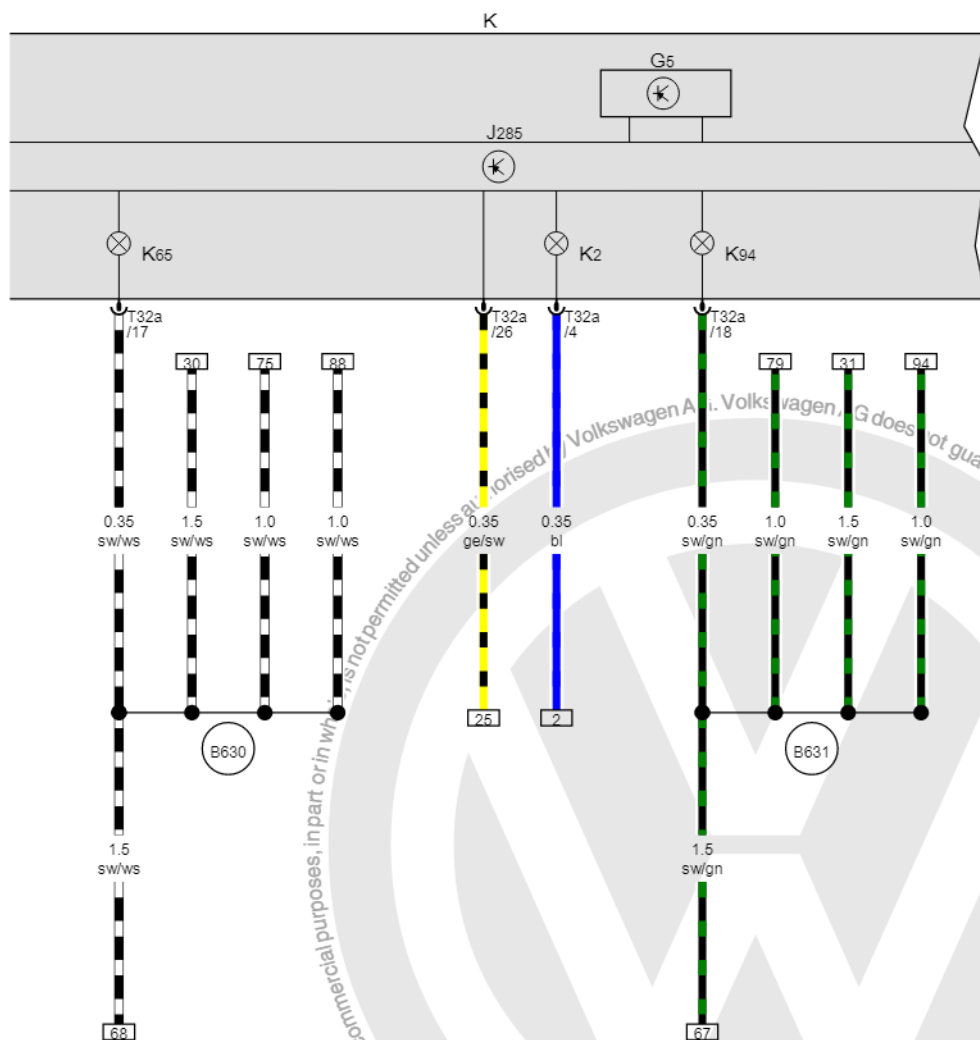


Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T32a 32-pin connector

B630 Positive connection (left turn signal bulb), in main wiring harness

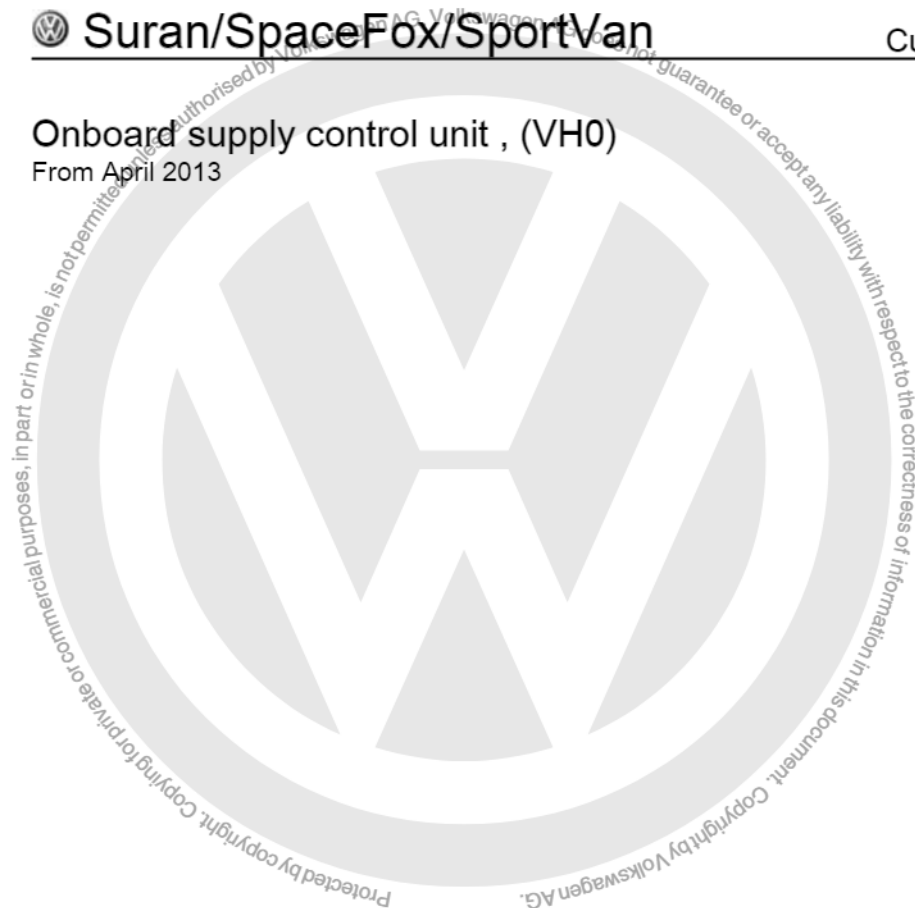
B631 Positive connection (right turn signal bulb), in main wiring harness



- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Onboard supply control unit , (VH0)

From April 2013

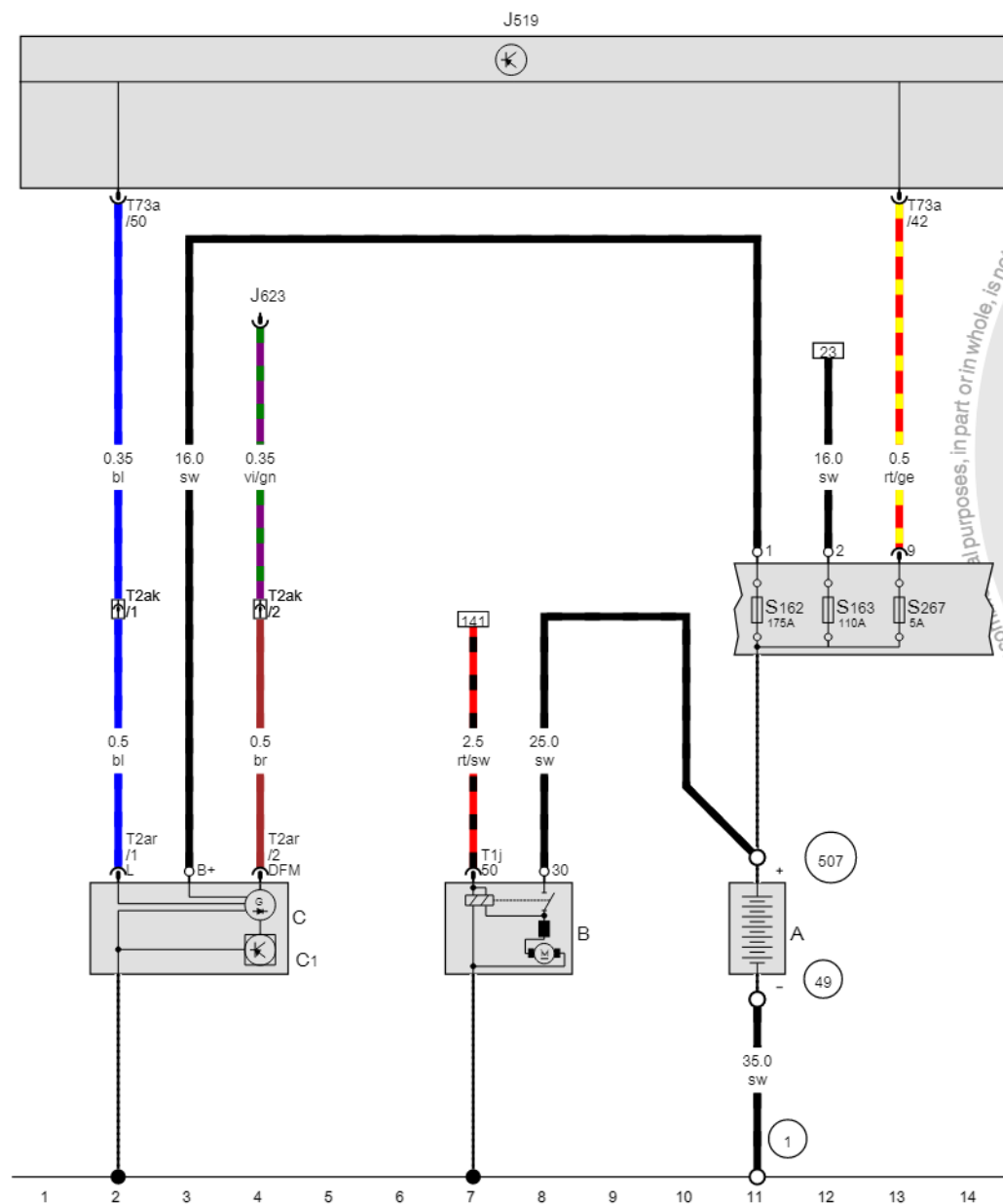




Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S267 Fuse 9 (30), in battery fuse holder
- T1J Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1577-037020813

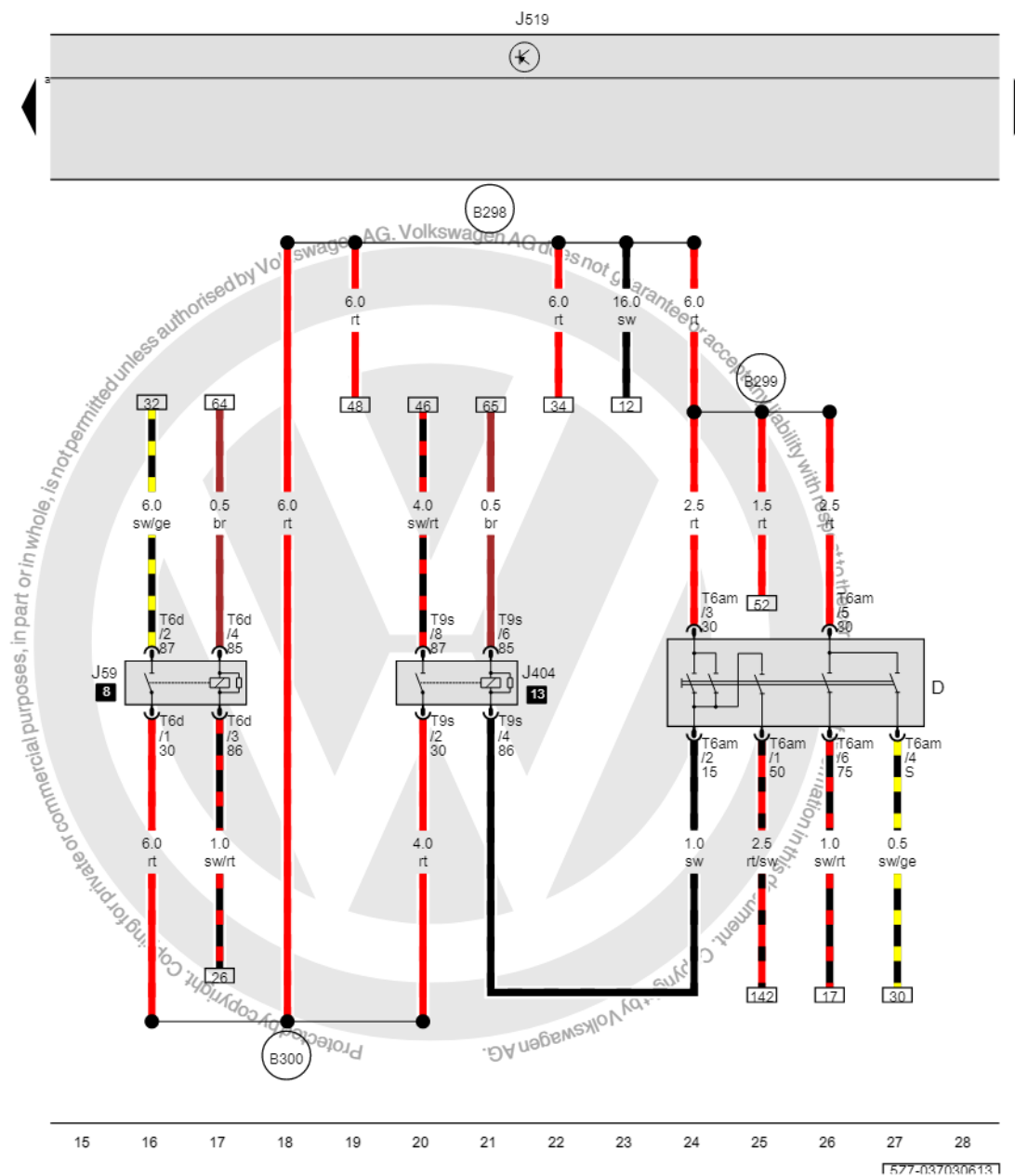
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

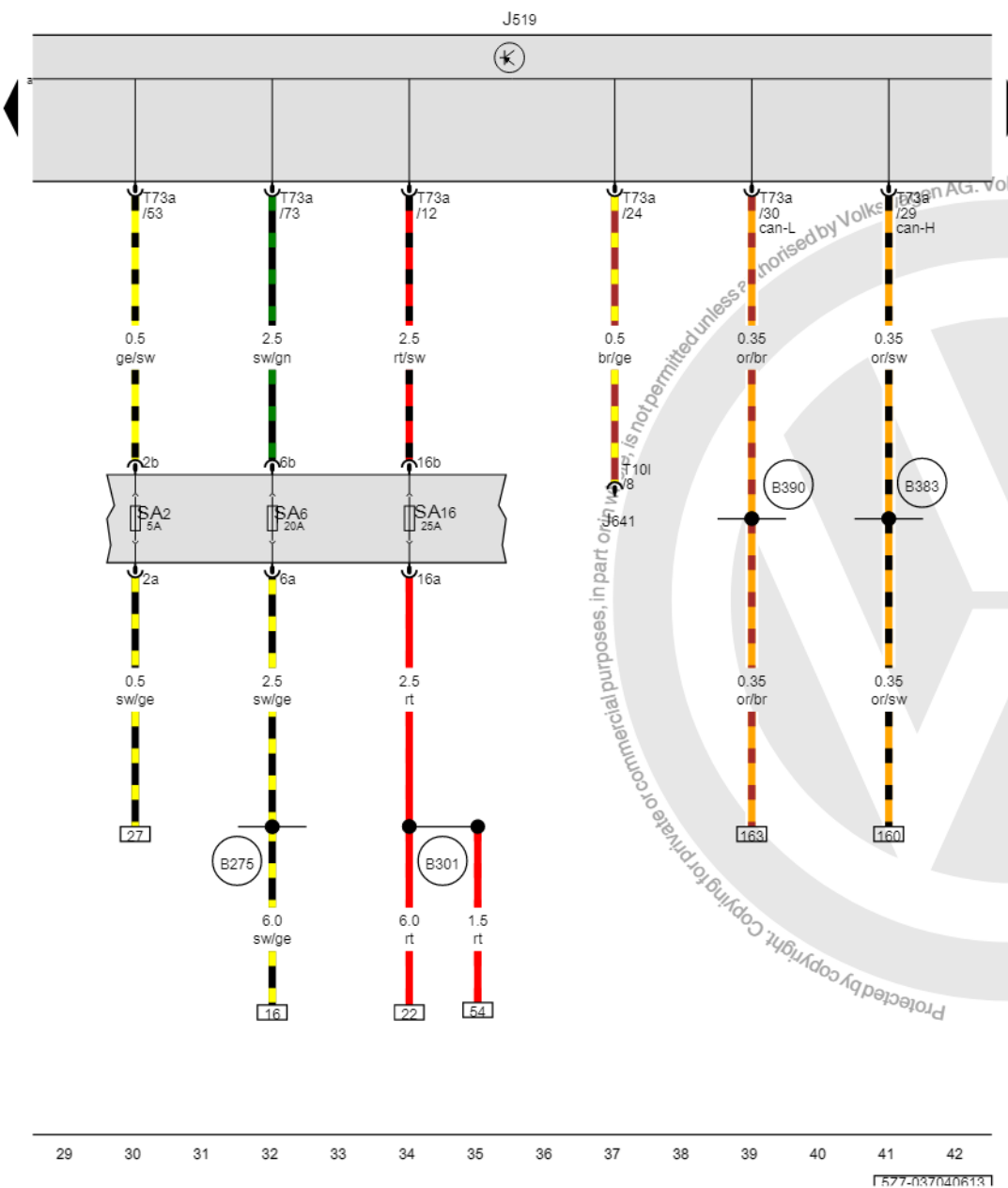


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Onboard supply control unit

- J519 Onboard supply control unit
- J641 Alarm horn relay
- SA2 Fuse 2 in fuse holder A
- SA6 Fuse 6 in fuse holder A
- SA16 Fuse 16 in fuse holder A
- T10i 10-pin connector
- T73a 73-pin connector

- B275 Positive connection (87), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

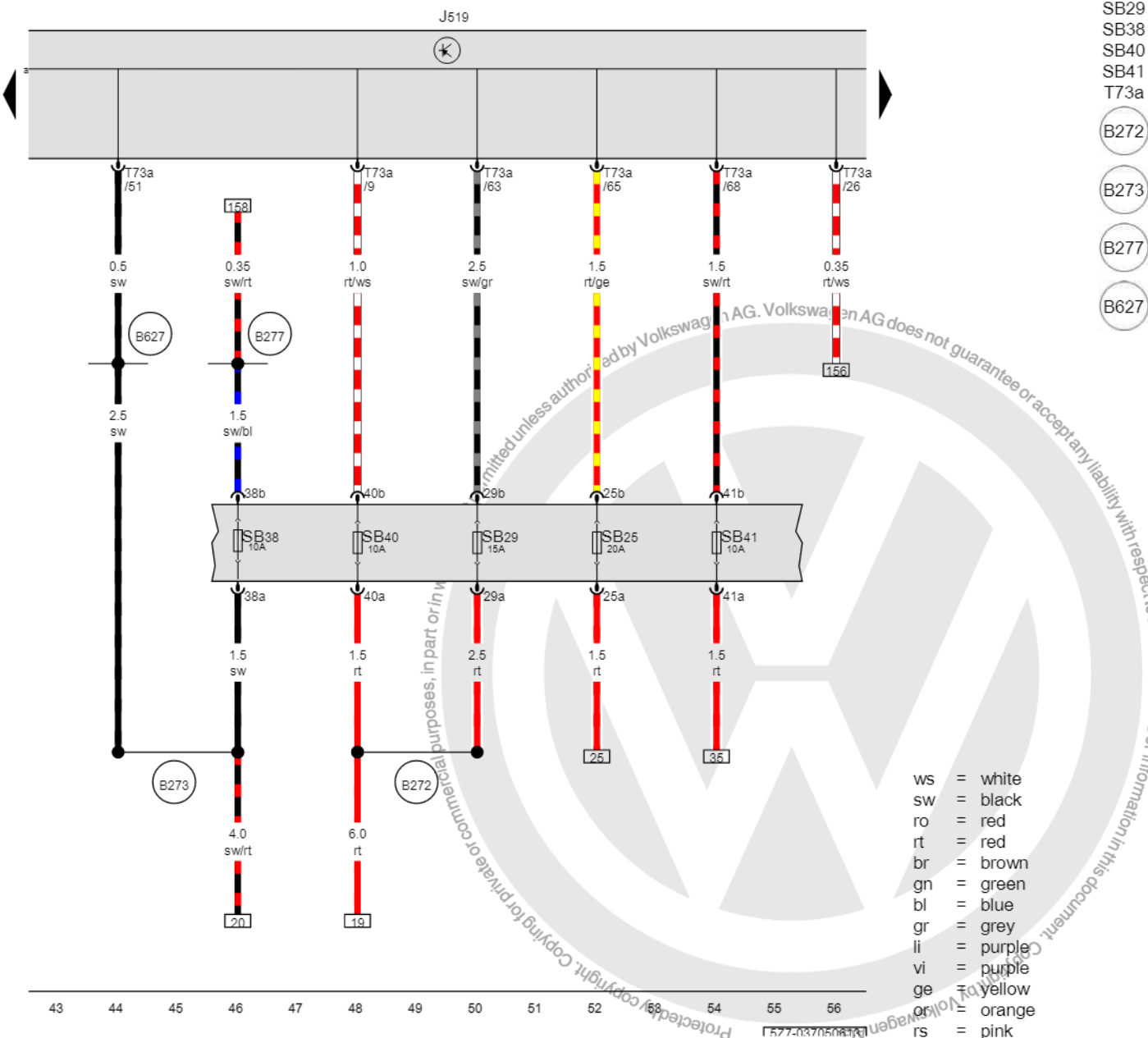


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- rs = pink

# Onboard supply control unit

- J519 Onboard supply control unit
- SB25 Fuse 25 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- T73a 73-pin connector

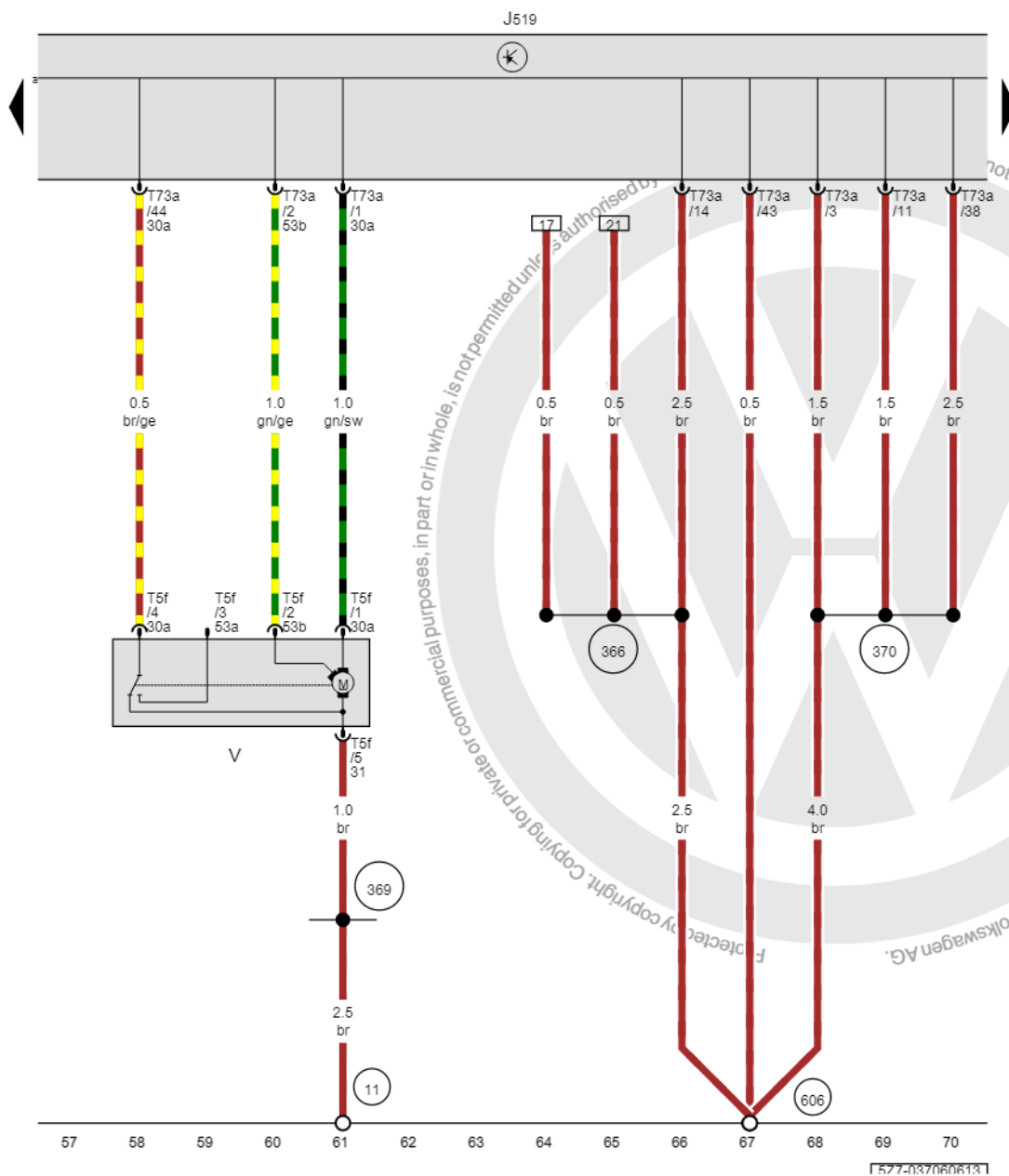
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B277) Positive connection 1 (15a) in main wiring harness
- (B627) Positive connection 3 (15), in main wiring harness



Onboard supply control unit, Windscreen wiper motor

J519 Onboard supply control unit  
T5f 5-pin connector  
T73a 73-pin connector  
V Windscreen wiper motor

- 11 Earth point, in battery box
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick

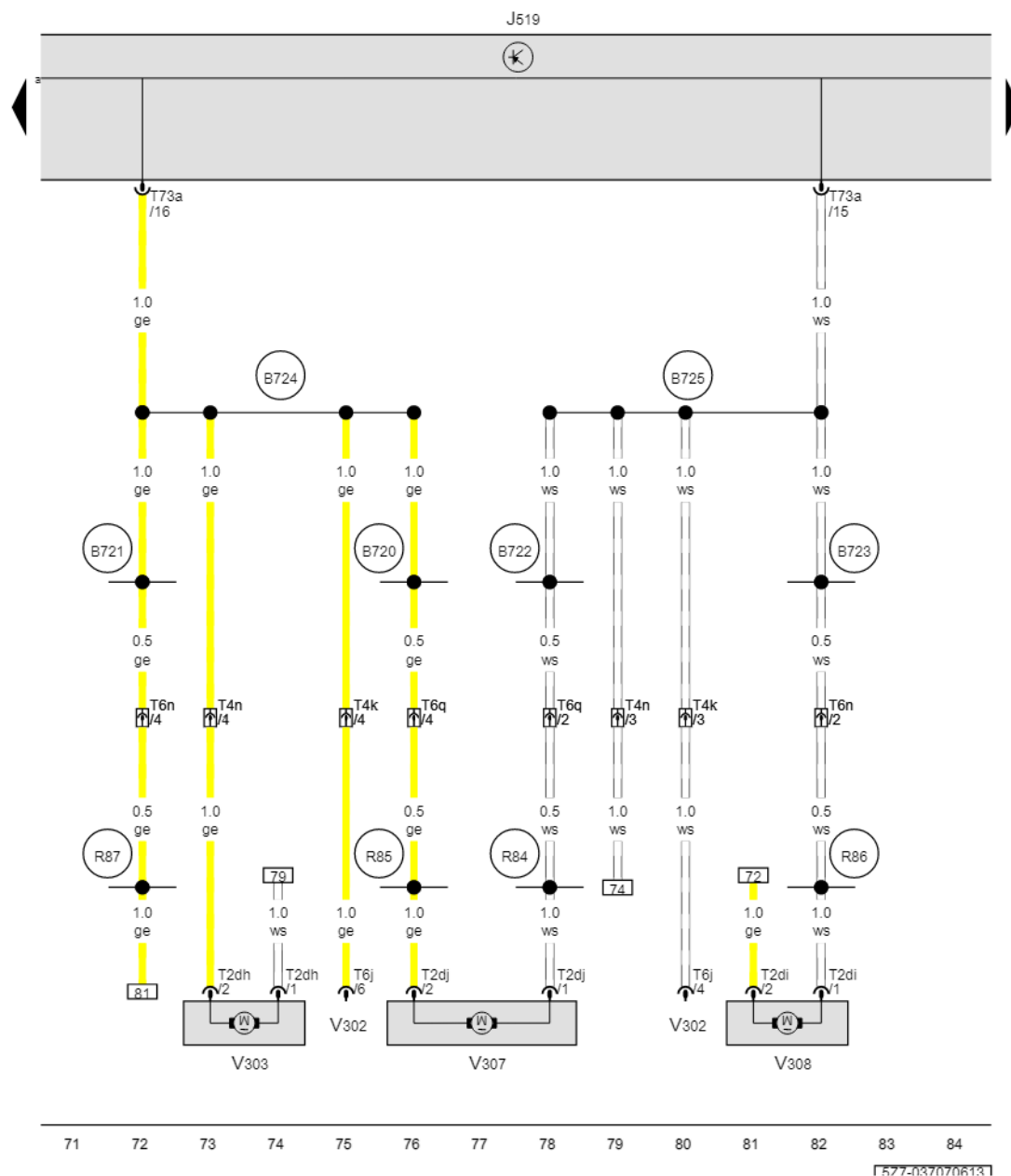


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vi = purple  
ge = yellow  
or = orange  
rs = pink

## Onboard supply control unit

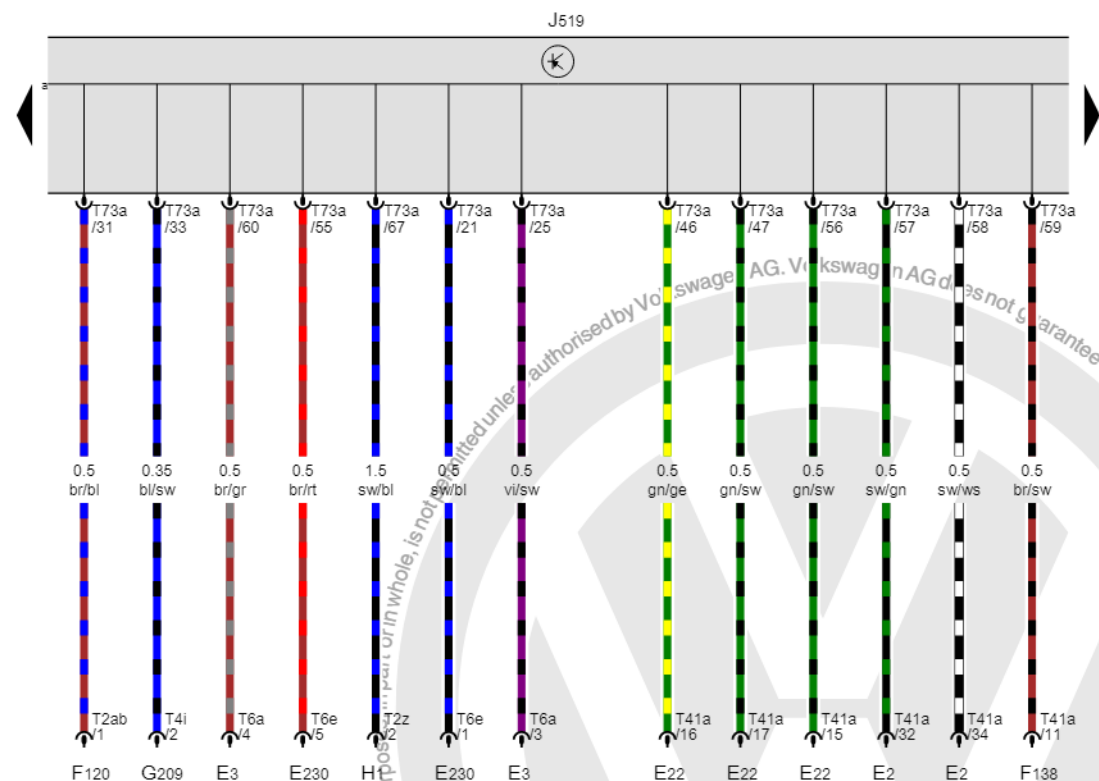
- |      |   |
|------|---|
| J519 | Onboard supply control unit                                       |
| T2dh | 2-pin connector   |
| T2di | 2-pin connector   |
| T2dj | 2-pin connector   |
| T4k  | 4-pin connector, in front left door                               |
| T4n  | 4-pin connector, in front right door                              |
| T6j  | 6-pin connector   |
| T6n  | 6-pin connector, in rear right door                               |
| T6q  | 6-pin connector, in rear left door                                |
| T73a | 73-pin connector  |
| V302 | Driver door power latching motor                                  |
| V303 | Front passenger door power latching motor                         |
| V307 | Rear left power latching motor                                    |
| V308 | Rear right power latching motor                                   |
| B720 | Connection 1 (central locking), in main wiring harness            |
| B721 | Connection 2 (central locking), in main wiring harness            |
| B722 | Connection 3 (central locking), in main wiring harness            |
| B723 | Connection 4 (central locking), in main wiring harness            |
| B724 | Connection (central locking unlocked), in main wiring harness     |
| B725 | Connection (central locking locked), in main wiring harness       |
| R84  | Connection 1 (central locking), in rear left door wiring harness  |
| R85  | Connection 2 (central locking), in rear left door wiring harness  |
| R86  | Connection 1 (central locking), in rear right door wiring harness |
| R87  | Connection 2 (central locking), in rear right door wiring harness |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



# Onboard supply control unit

- E2 Turn signal switch
- E3 Hazard warning light switch
- E22 Intermittent wiper switch
- E230 Heated rear window button
- F120 Anti-theft alarm and vermin repellent system contact switch
- F138 Airbag coil connector and return ring with slip ring
- G209 Anti-theft alarm ultrasonic sensor
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- T2ab 2-pin connector
- T2z 2-pin connector
- T4i 4-pin connector
- T6a 6-pin connector
- T6e 6-pin connector
- T41a 41-pin connector
- T73a 73-pin connector

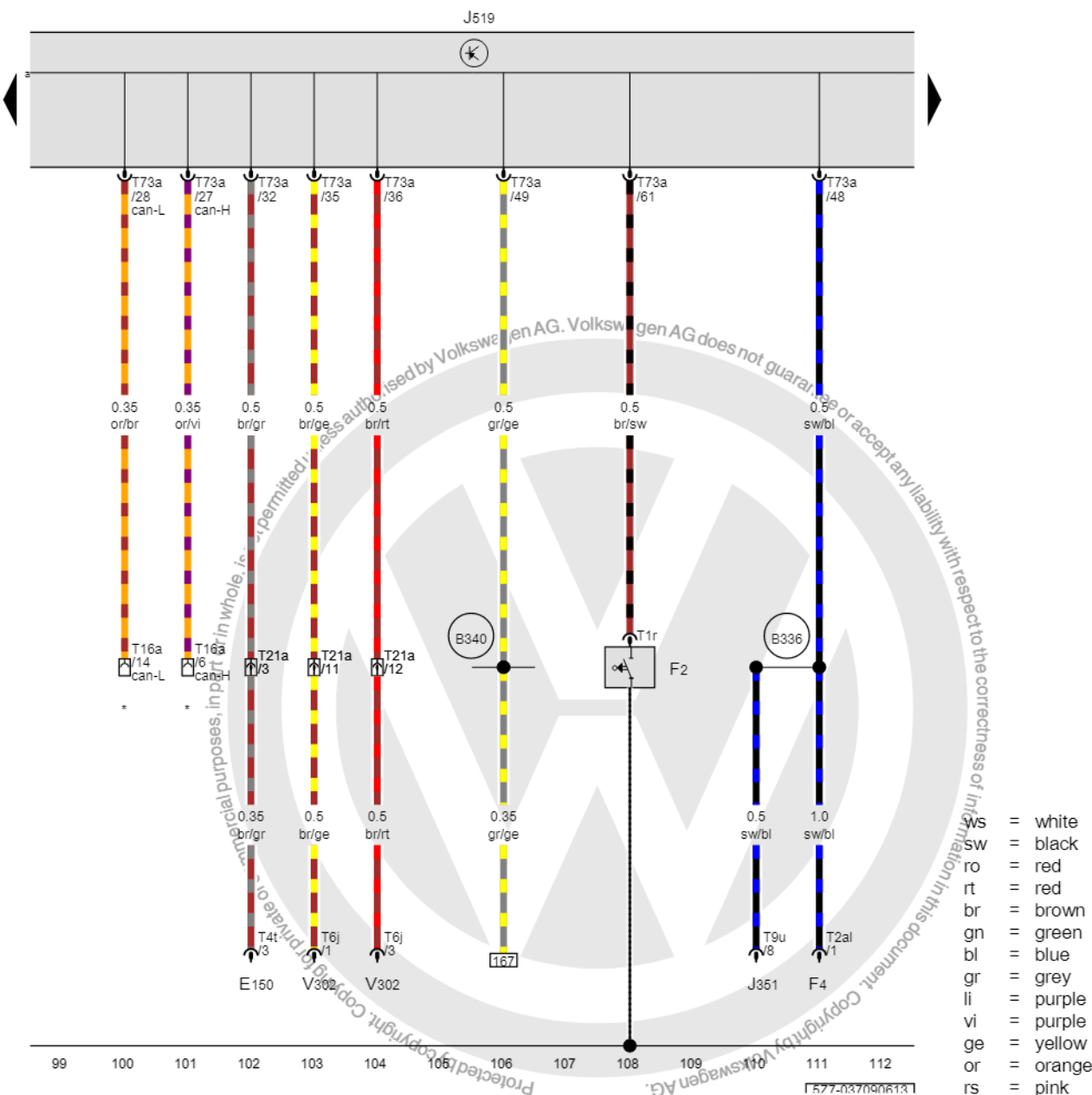


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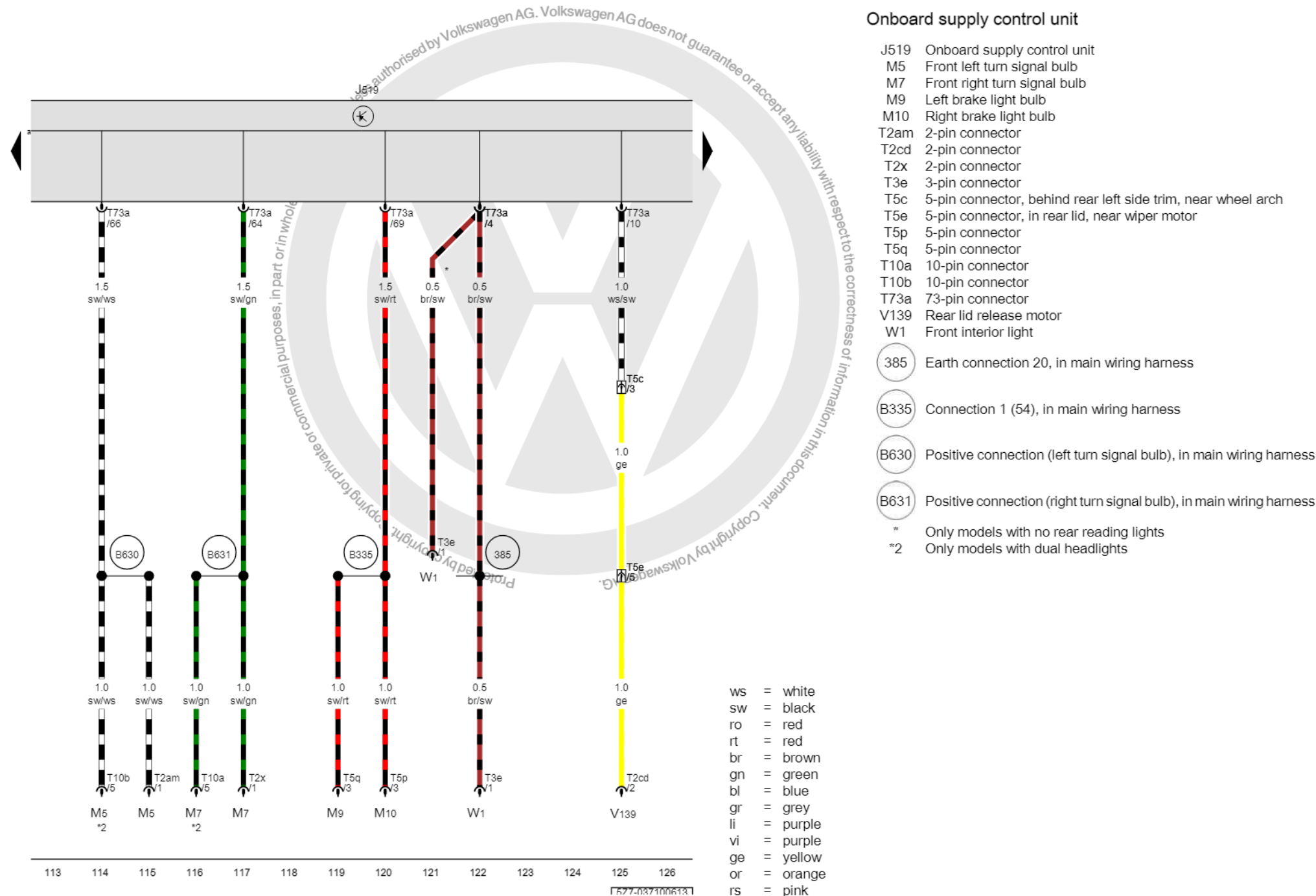
Driver door contact switch, Onboard supply control unit

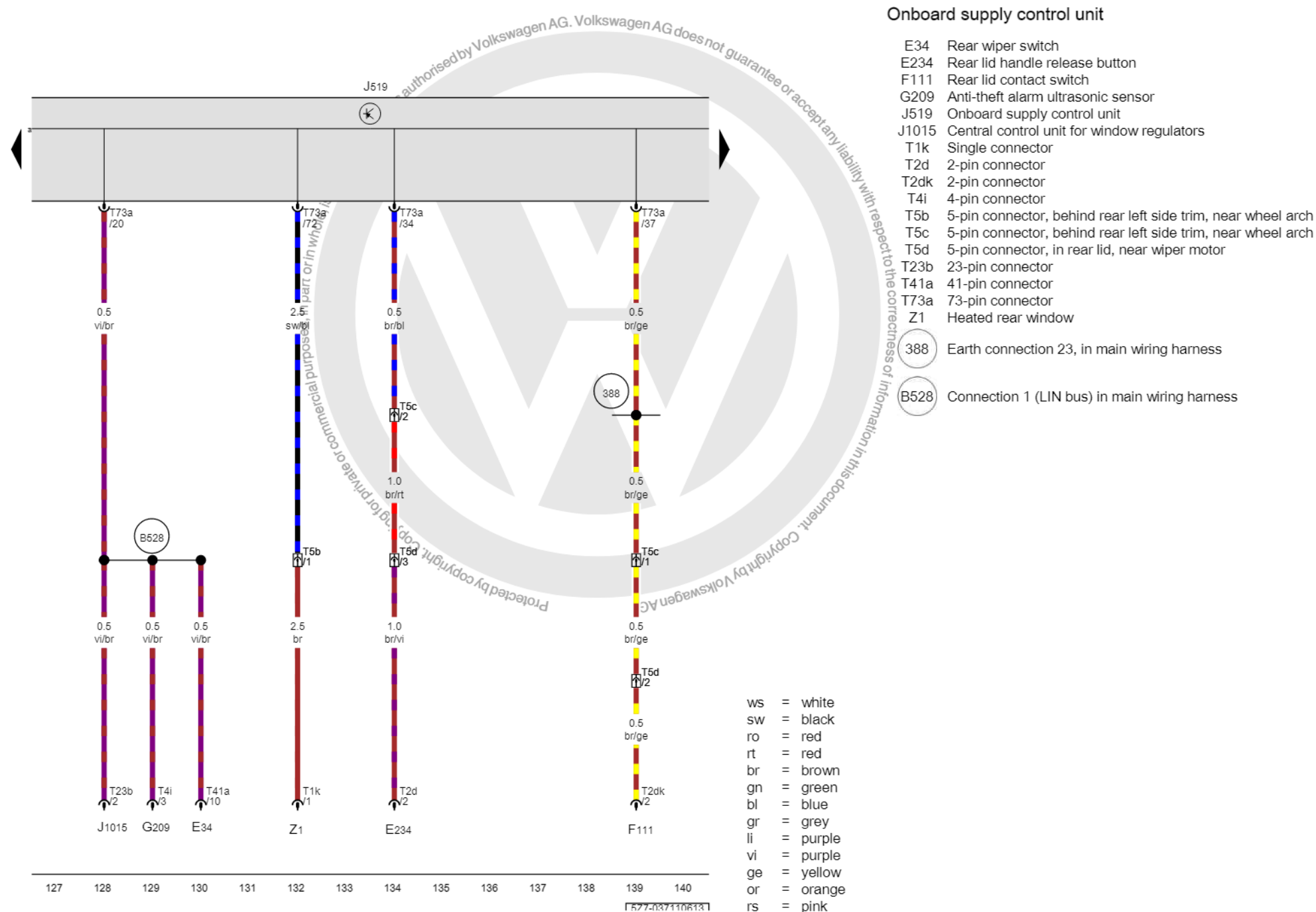
- E150 Driver side interior locking switch
- F2 Driver door contact switch
- F4 Reversing light switch
- J351 Folding exterior mirror control unit
- J519 Onboard supply control unit
- T1r Single connector
- T2al 2-pin connector
- T4t 4-pin connector
- T6j 6-pin connector
- T9u 9-pin connector
- T16a 16-pin connector
- T21a 21-pin connector, in front left door
- T73a 73-pin connector
- V302 Driver door power latching motor

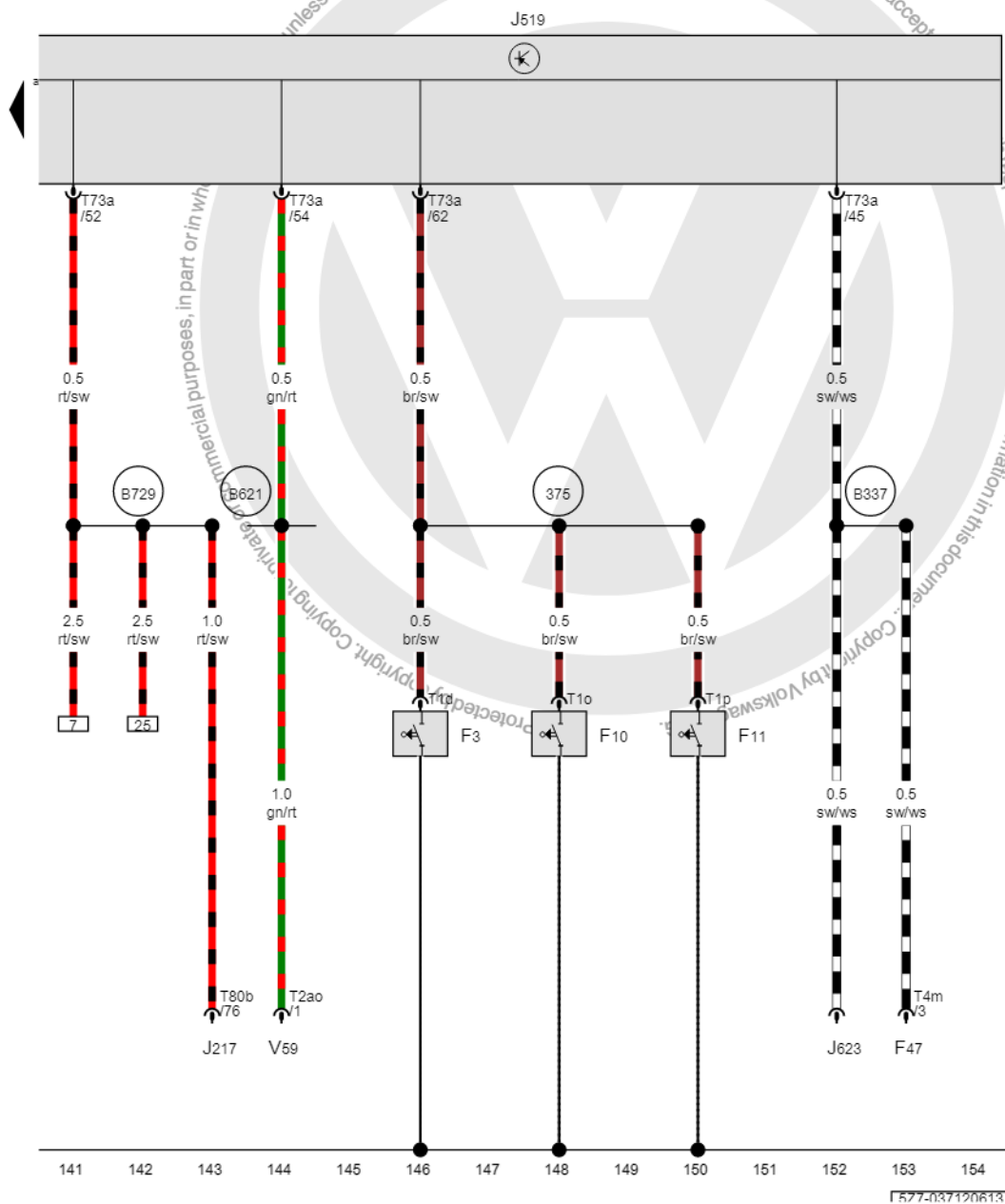
- B336 Connection 2 (54), in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- \* Diagnostic connection











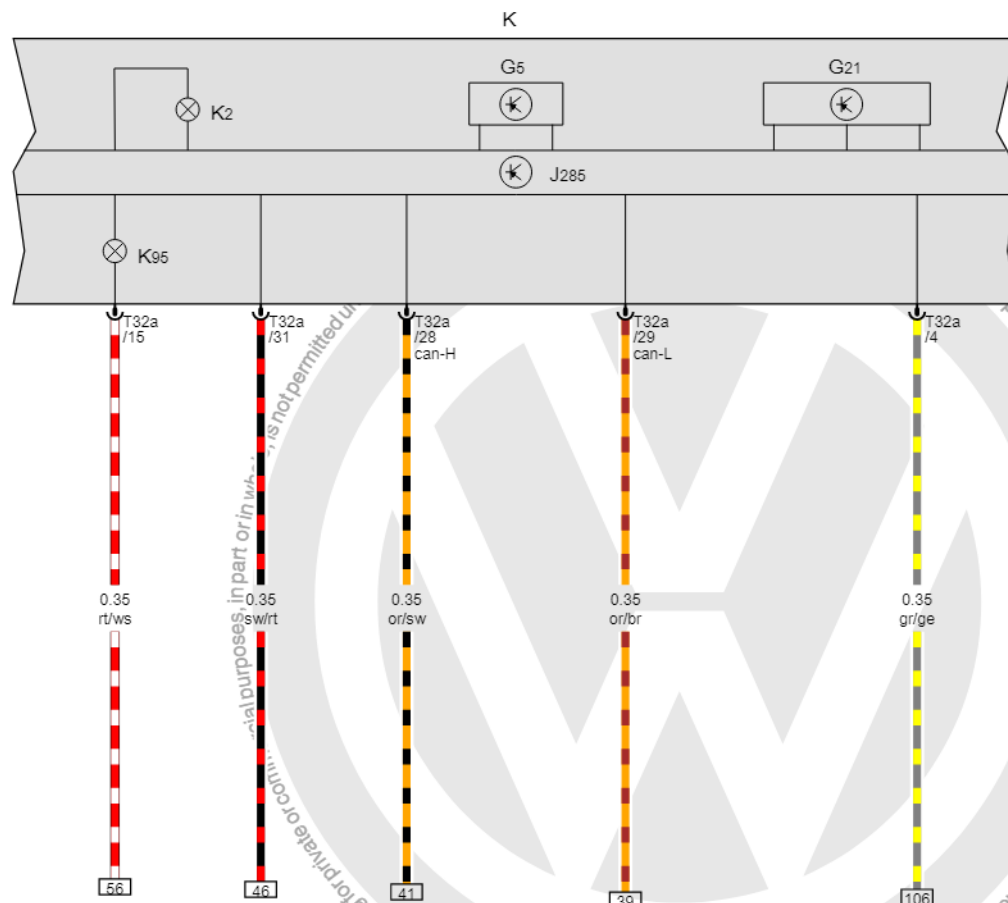
Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Onboard supply control unit

- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- F47 Brake pedal switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T1d Single connector
- T1o Single connector
- T1p Single connector
- T2ao 2-pin connector
- T4m 4-pin connector
- T73a 73-pin connector
- T80b 80-pin connector
- V59 Windscreen and rear window washer pump

- 375 Earth connection 10, in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B621 Connection 1 (53c), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Alarm system warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector



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## Onboard supply control unit , (VH1)

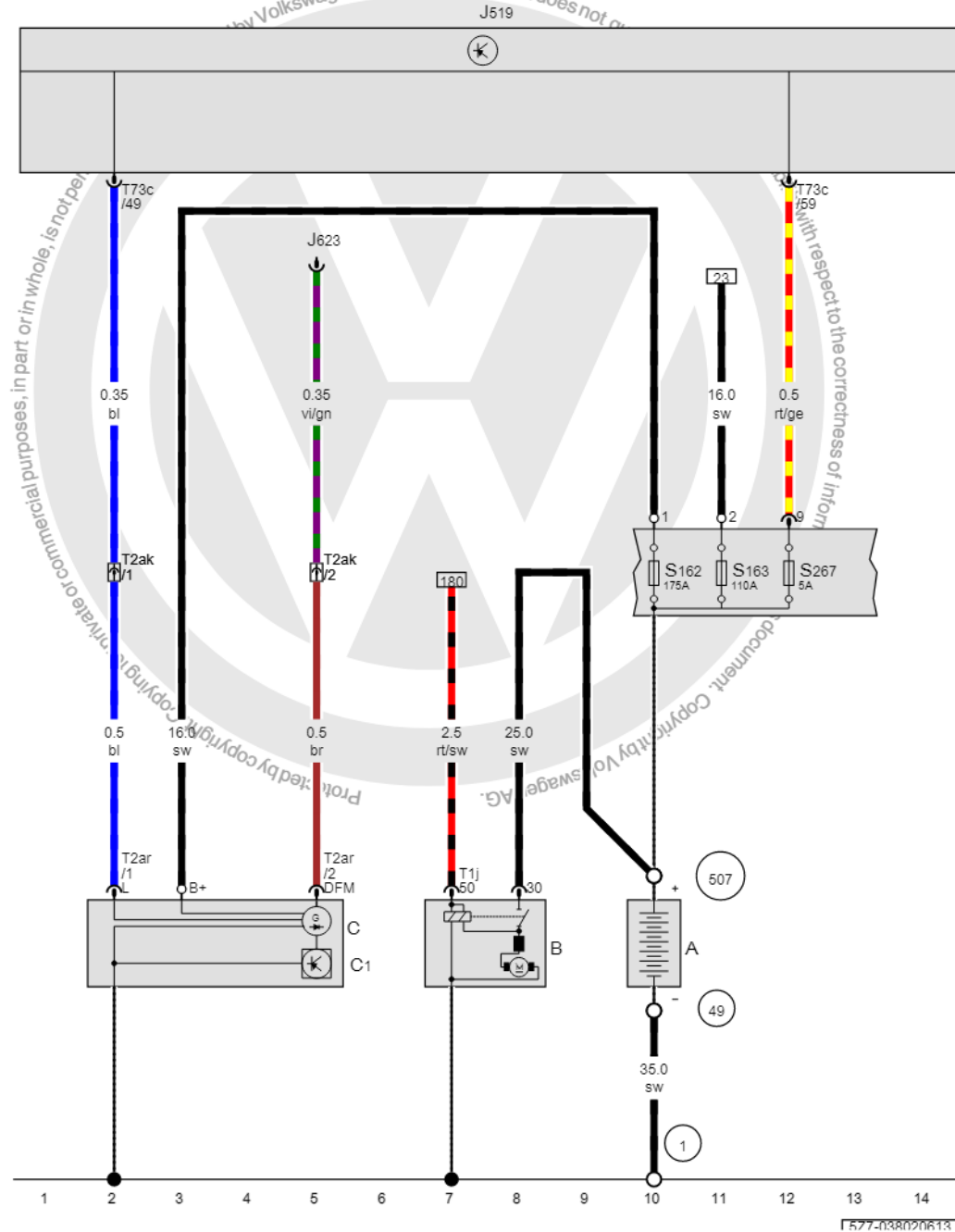
From April 2013



Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S267 Fuse 9 (30), in battery fuse holder
- T1J Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73c 73-pin connector

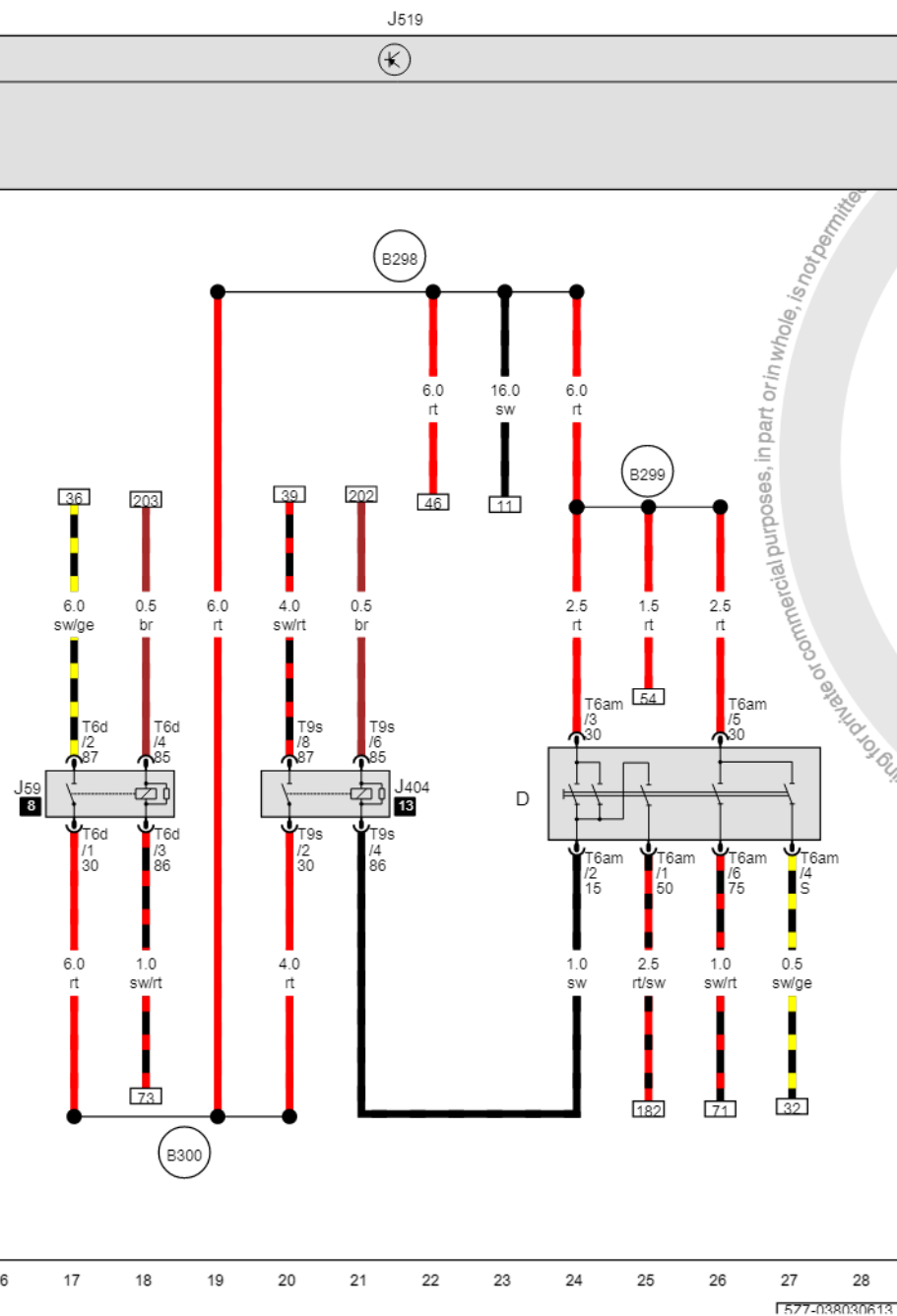
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder



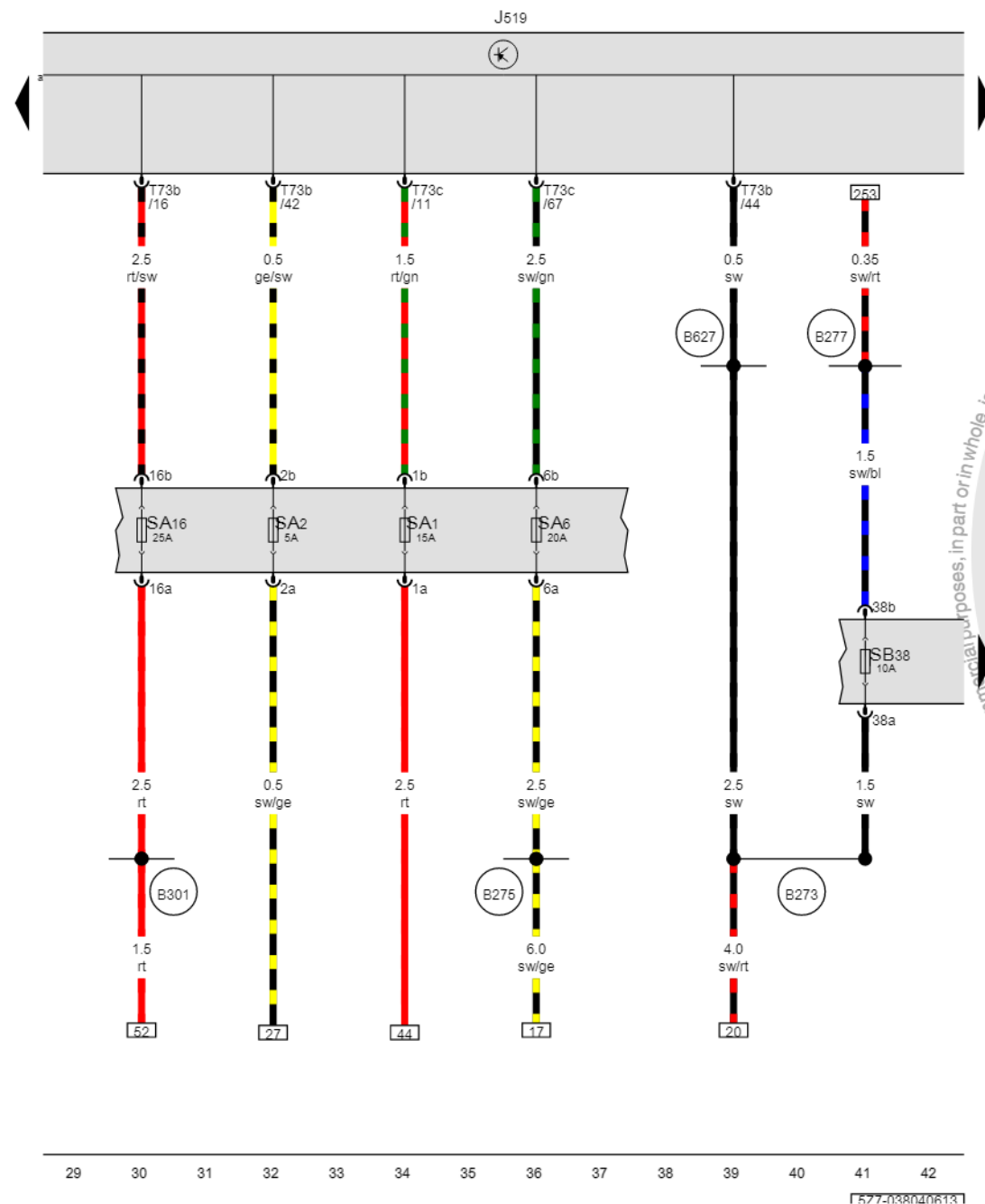
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



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- vi = purple
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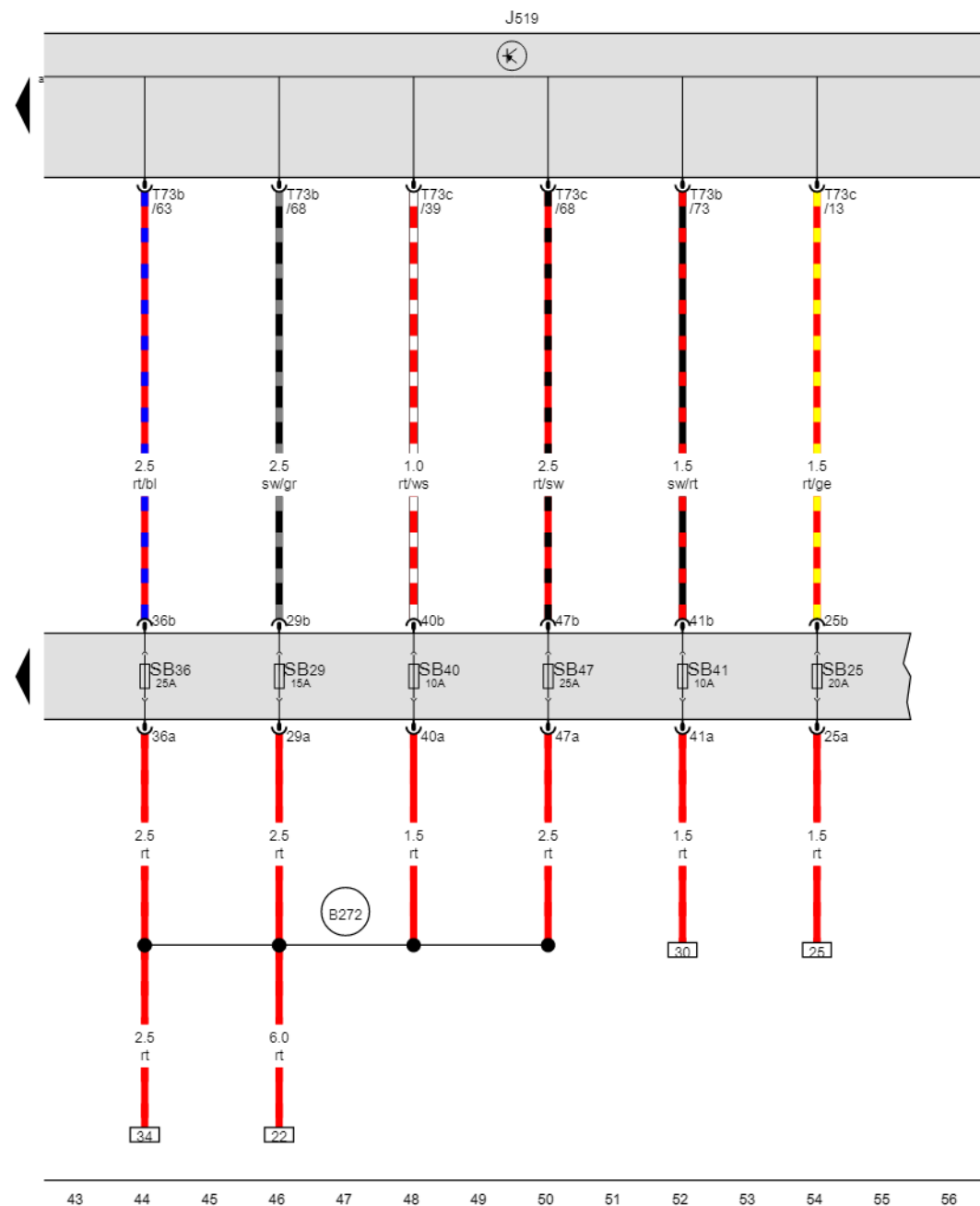
# Onboard supply control unit

J519 Onboard supply control unit  
 SA1 Fuse 1 in fuse holder A  
 SA2 Fuse 2 in fuse holder A  
 SA6 Fuse 6 in fuse holder A  
 SA16 Fuse 16 in fuse holder A  
 SB38 Fuse 38 on fuse holder B  
 T73b 73-pin connector  
 T73c 73-pin connector

B273 Positive connection (15), in main wiring harness  
 B275 Positive connection (87), in main wiring harness  
 B277 Positive connection 1 (15a) in main wiring harness  
 B301 Positive connection 5 (30), in main wiring harness  
 B627 Positive connection 3 (15), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
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 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

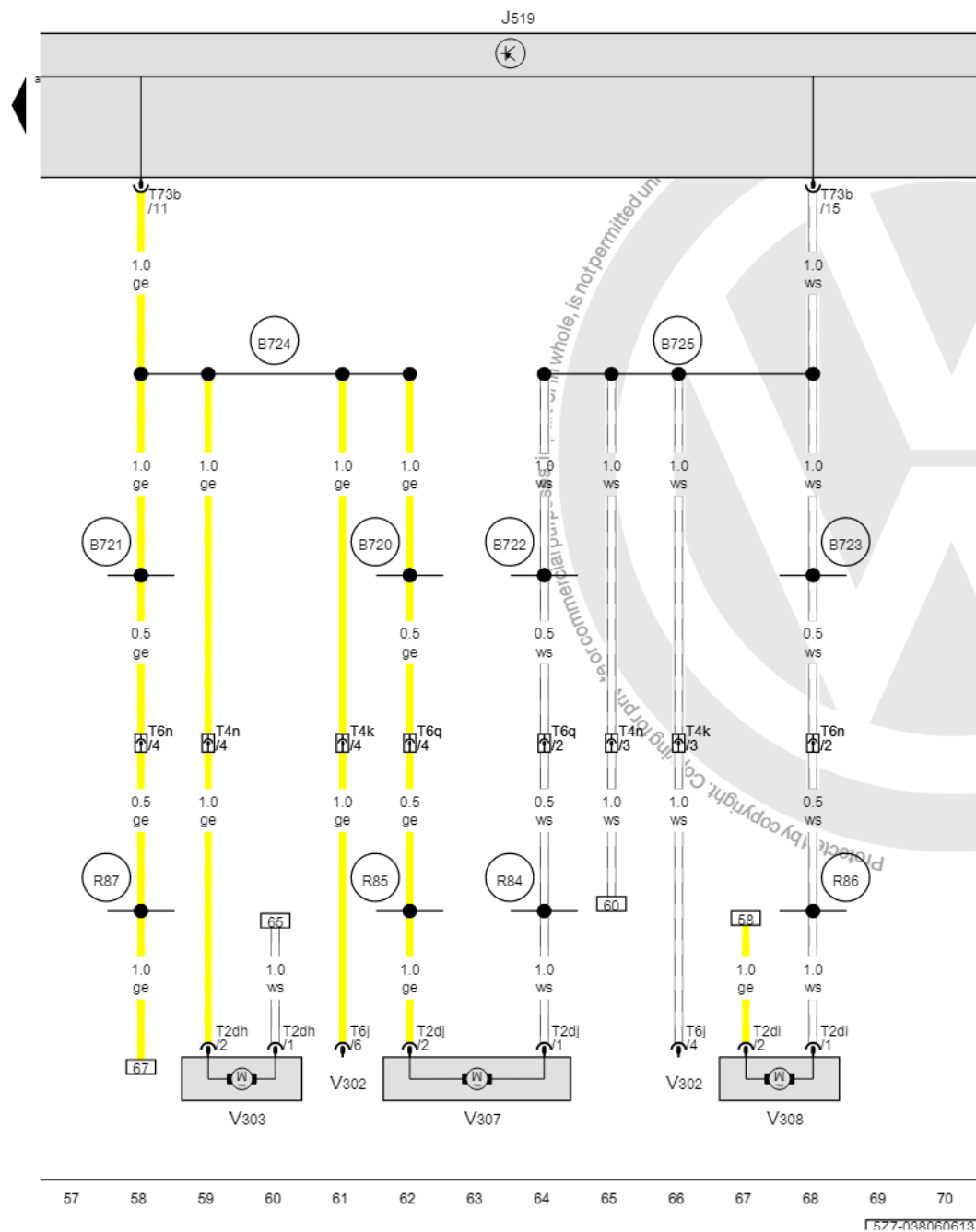




# Onboard supply control unit

- J519 Onboard supply control unit
- SB25 Fuse 25 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector
- B272 Positive connection (30), in main wiring harness

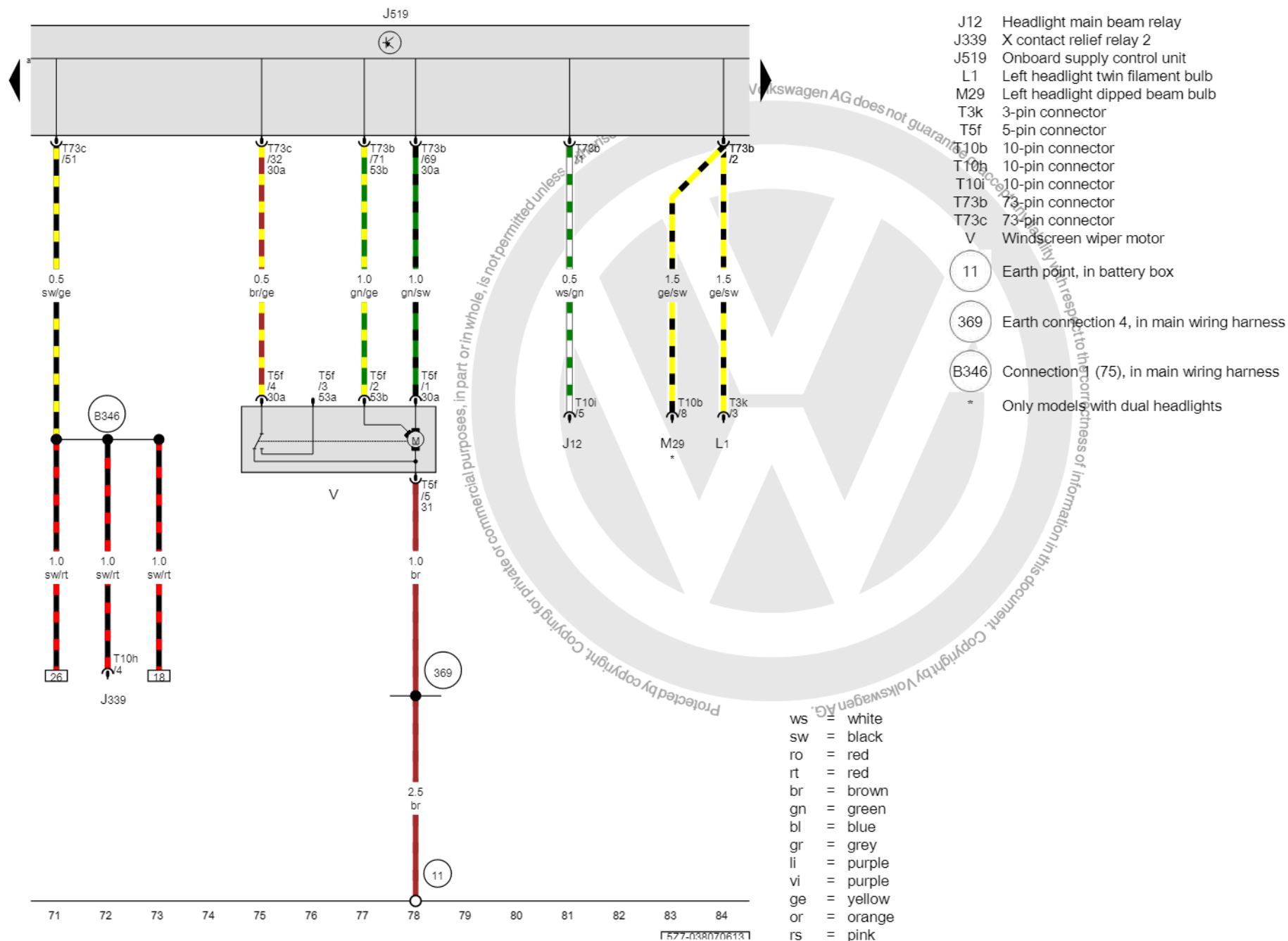
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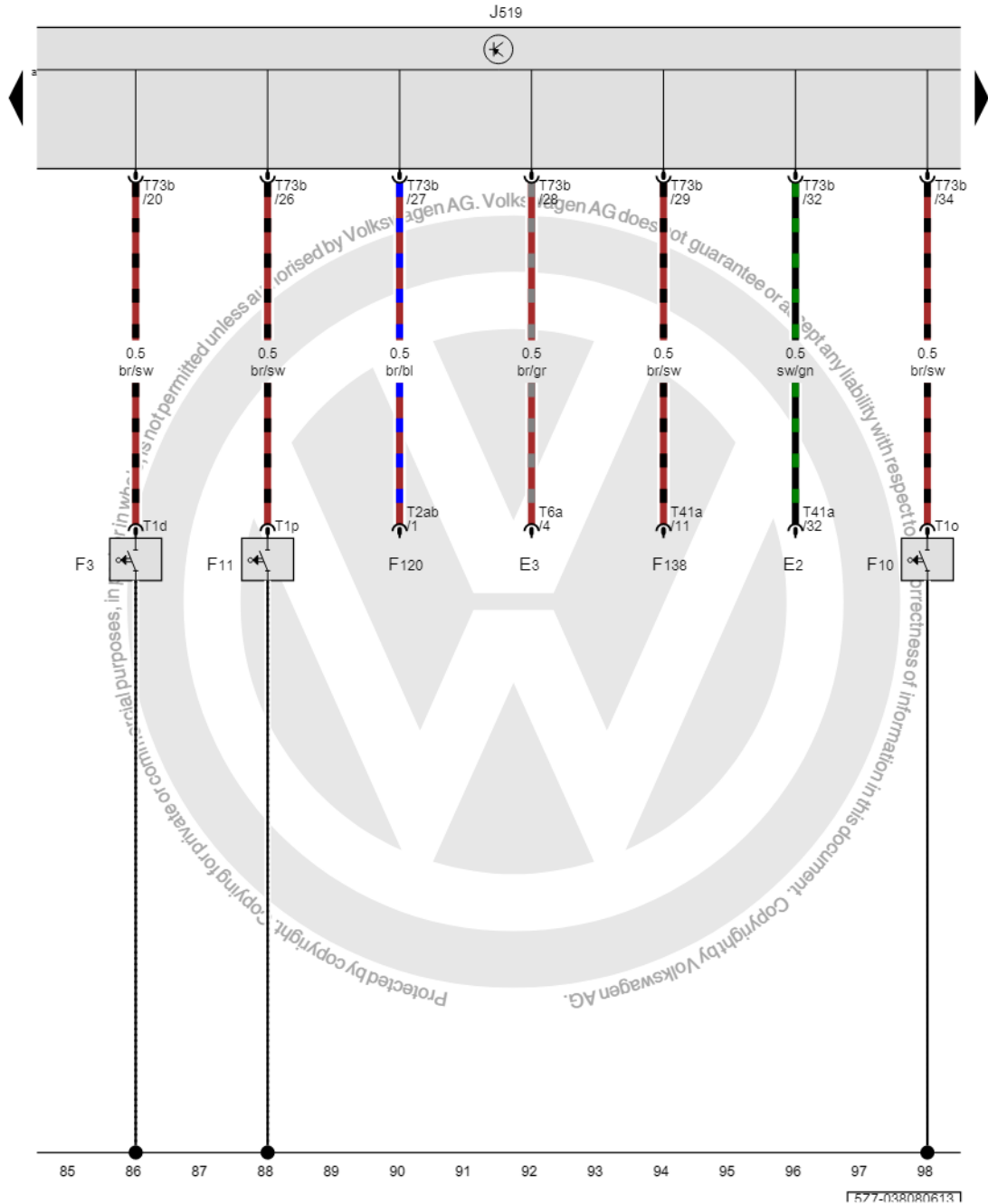


## Onboard supply control unit

- |      |   |
|------|---|
| J519 | Onboard supply control unit                                       |
| T2dh | 2-pin connector   |
| T2di | 2-pin connector   |
| T2dj | 2-pin connector   |
| T4k  | 4-pin connector, in front left door                               |
| T4n  | 4-pin connector, in front right door                              |
| T6j  | 6-pin connector   |
| T6n  | 6-pin connector, in rear right door                               |
| T6a  | 6-pin connector, in rear left door                                |
| T73b | 73-pin connector  |
| V302 | Driver door power latching motor                                  |
| V303 | Front passenger door power latching motor                         |
| V307 | Rear left power latching motor                                    |
| V308 | Rear right power latching motor                                   |
| B720 | Connection 1 (central locking), in main wiring harness            |
| B721 | Connection 2 (central locking), in main wiring harness            |
| B722 | Connection 3 (central locking), in main wiring harness            |
| B723 | Connection 4 (central locking), in main wiring harness            |
| B724 | Connection (central locking unlocked), in main wiring harness     |
| B725 | Connection (central locking locked), in main wiring harness       |
| R84  | Connection 1 (central locking), in rear left door wiring harness  |
| R85  | Connection 2 (central locking), in rear left door wiring harness  |
| R86  | Connection 1 (central locking), in rear right door wiring harness |
| R87  | Connection 2 (central locking), in rear right door wiring harness |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
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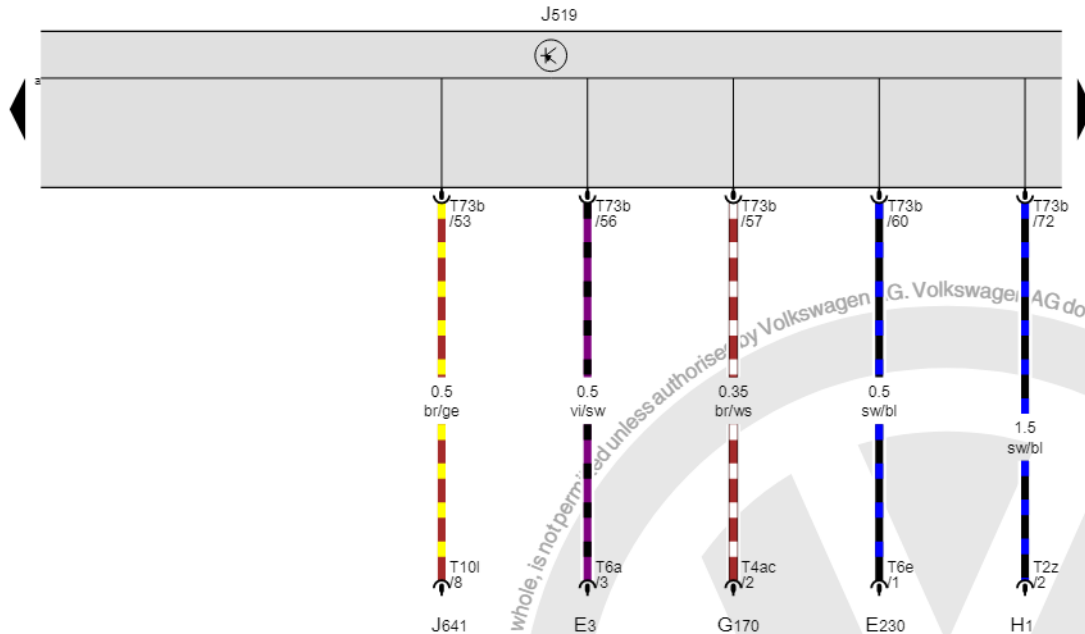
Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Onboard supply control unit

- E2 Turn signal switch
- E3 Hazard warning light switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- F120 Anti-theft alarm and vermin repellent system contact switch
- F138 Airbag coil connector and return ring with slip ring
- J519 Onboard supply control unit
- T1d Single connector
- T1o Single connector
- T1p Single connector
- T2ab 2-pin connector
- T6a 6-pin connector
- T41a 41-pin connector
- T73b 73-pin connector

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- vi = purple
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- or = orange
- rs = pink

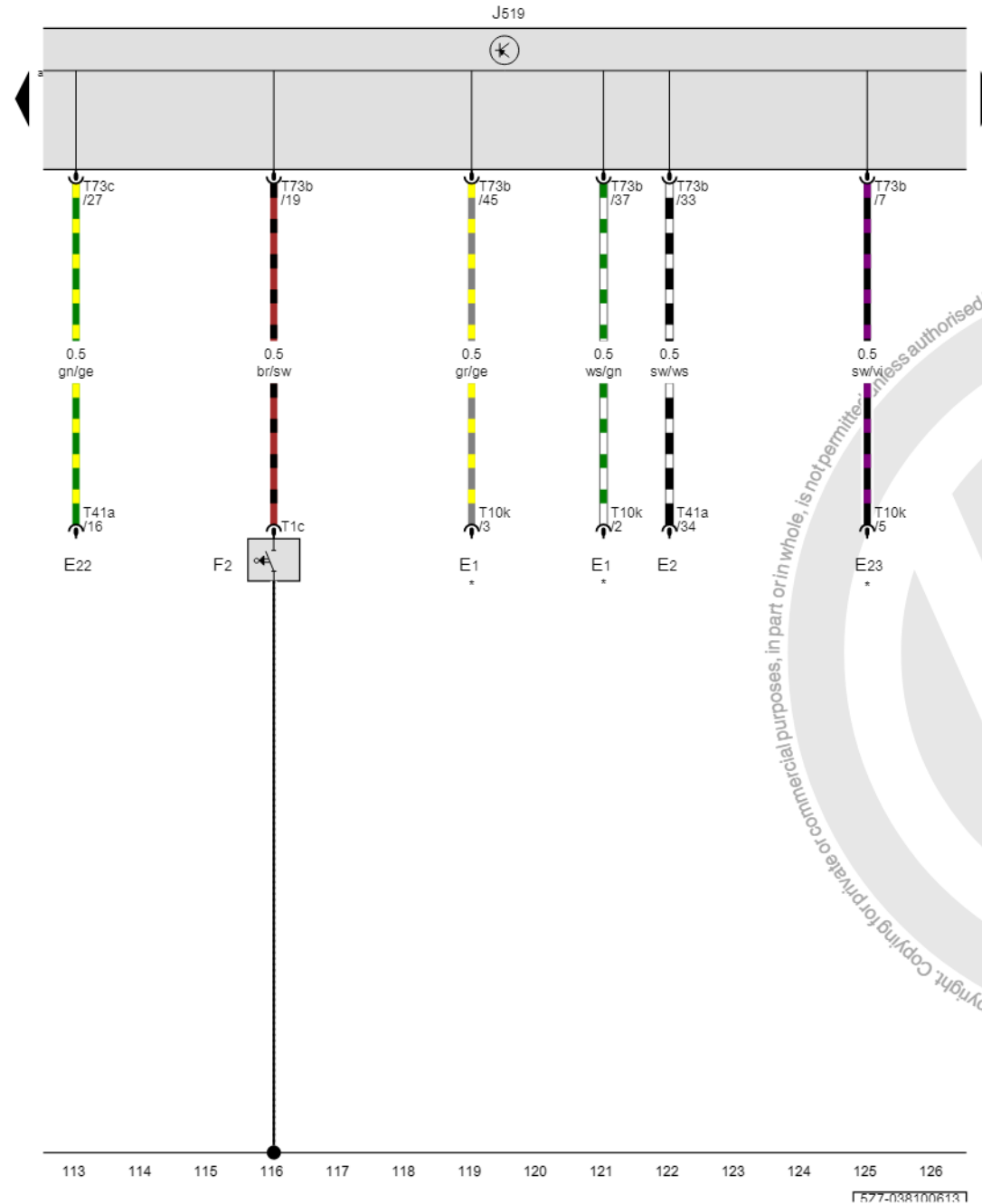
Onboard supply control unit

- E3 Hazard warning light switch
- E230 Heated rear window button
- G170 Left ultrasonic sensor for anti-theft alarm system
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- J641 Alarm horn relay
- T2z 2-pin connector
- T4ac 4-pin connector
- T6a 6-pin connector
- T6e 6-pin connector
- T10l 10-pin connector
- T73b 73-pin connector



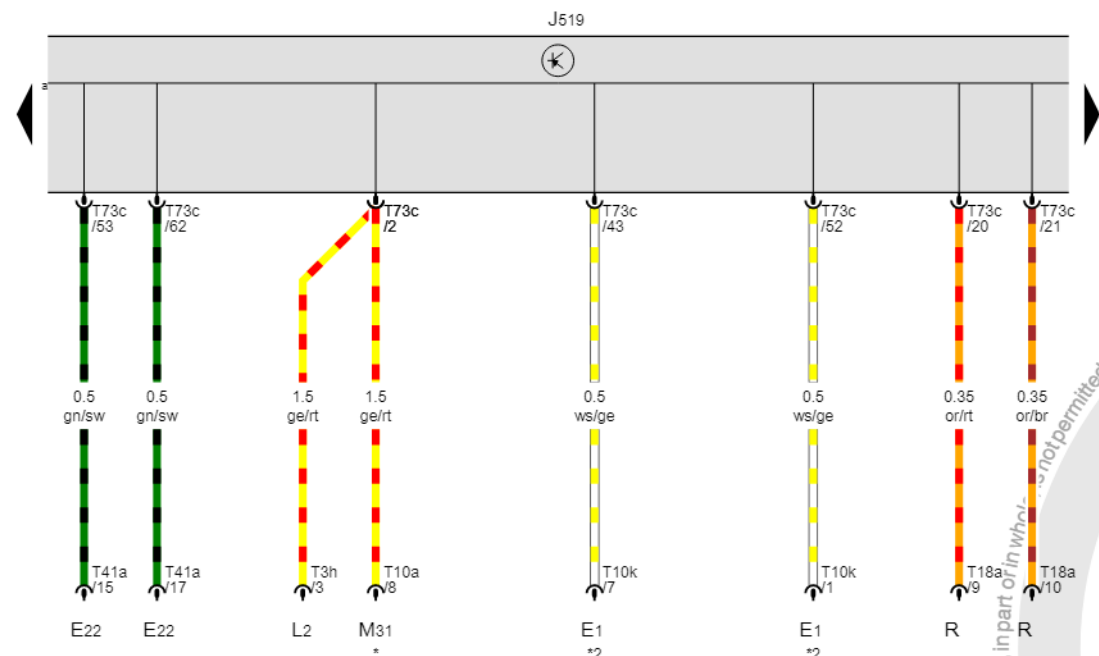
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Driver door contact switch, Onboard supply control unit



- E1 Light switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E23 Front and rear fog light switch
- F2 Driver door contact switch
- J519 Onboard supply control unit
- T1c Single connector
- T10k 10-pin connector
- T41a 41-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with Coming Home function

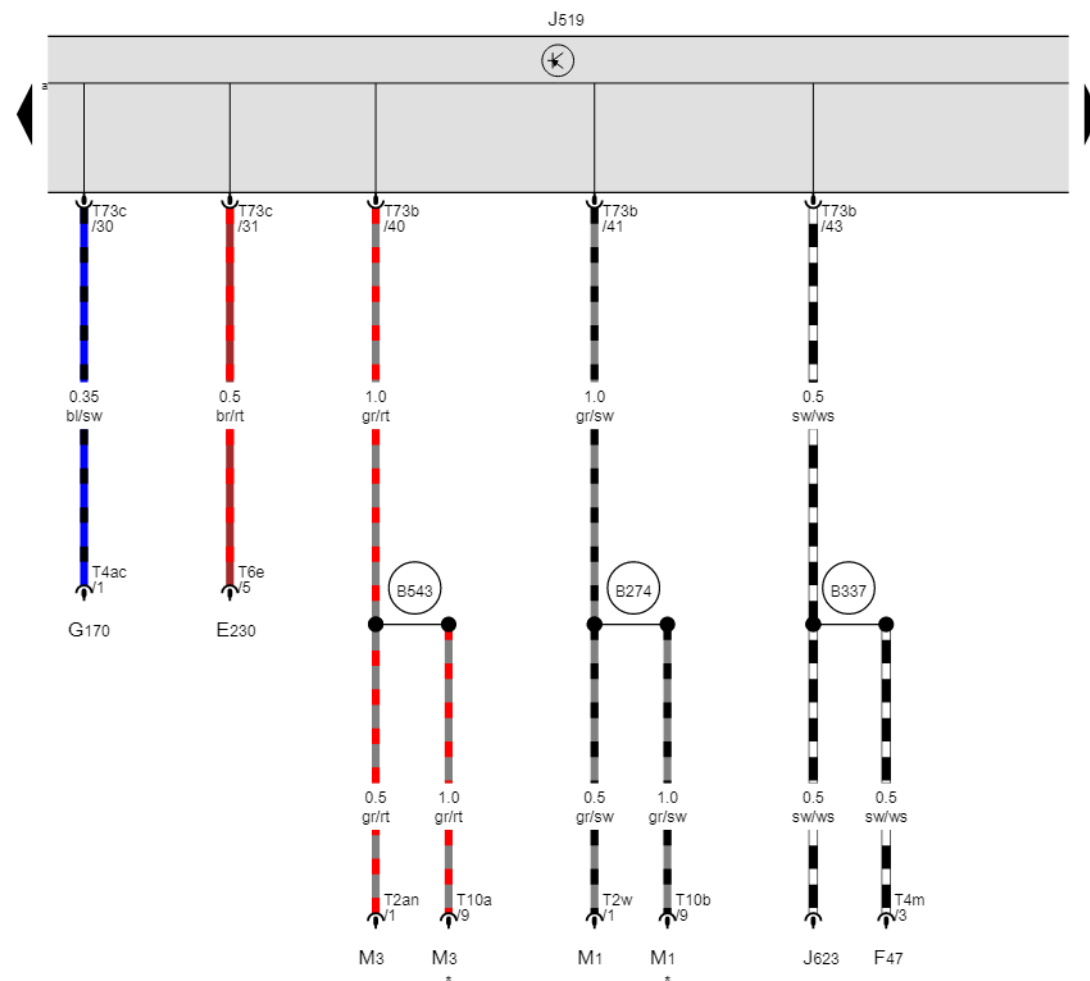
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 or = orange  
 rs = pink



# Onboard supply control unit

- E1 Light switch
- E22 Intermittent wiper switch
- J519 Onboard supply control unit
- L2 Right headlight twin filament bulb
- M31 Right headlight dipped beam bulb
- R Radio
- T3h 3-pin connector
- T10a 10-pin connector
- T10k 10-pin connector
- T18a 18-pin connector
- T41a 41-pin connector
- T73c 73-pin connector
- \* Only models with dual headlights
- \*2 Only models with Coming Home function

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



### Onboard supply control unit

- E230 Heated rear window button
- F47 Brake pedal switch
- G170 Left ultrasonic sensor for anti-theft alarm system
- J519 Onboard supply control unit
- J623 Engine control unit
- M1 Left side light bulb
- M3 Right side light bulb
- T2an 2-pin connector
- T2w 2-pin connector
- T4ac 4-pin connector
- T4m 4-pin connector
- T6e 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

(B274) Positive connection (58L), in main wiring harness

(B337) Connection 3 (54), in main wiring harness

(B543) Positive connection (58R), in main wiring harness

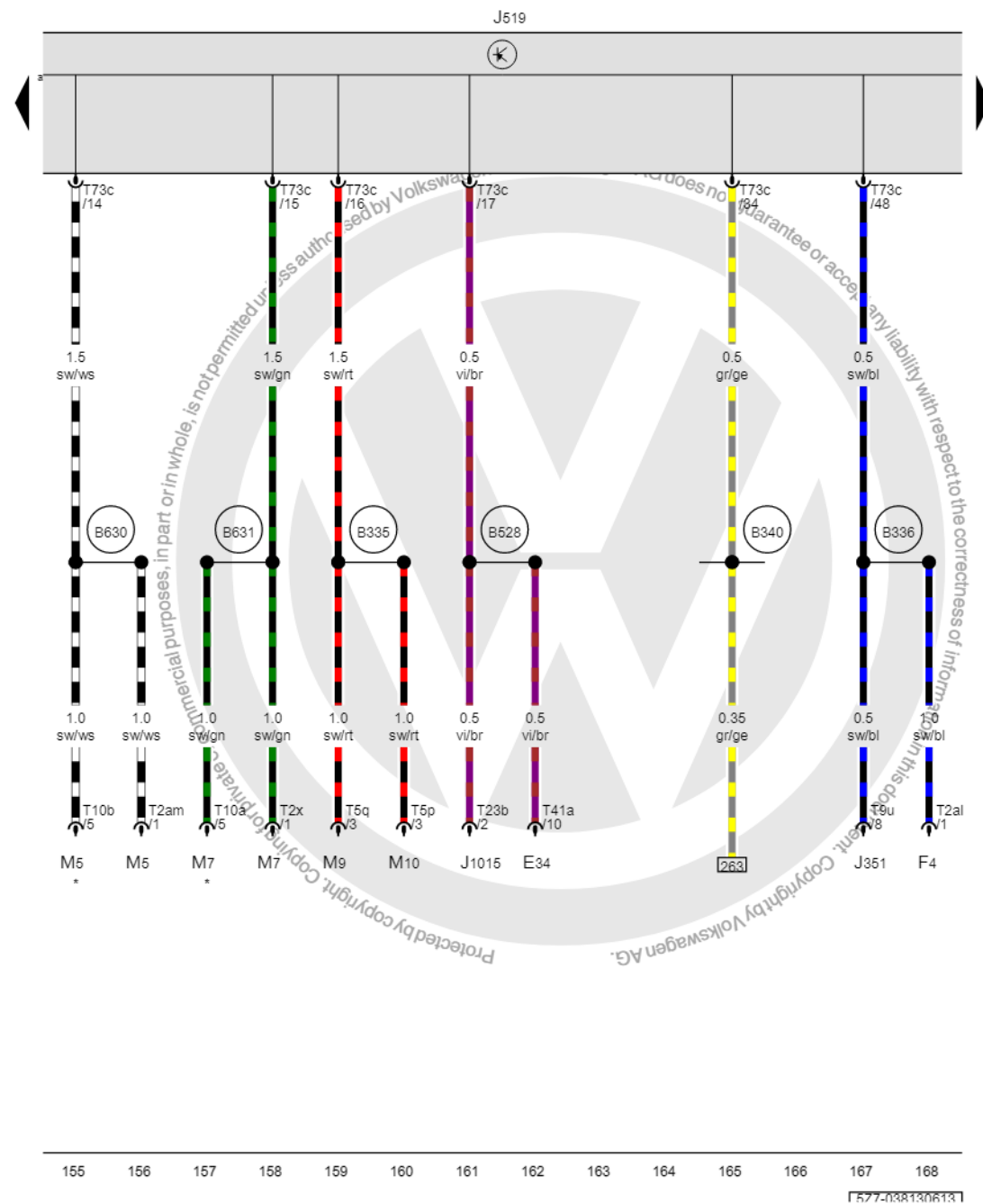
\* Only models with dual headlights

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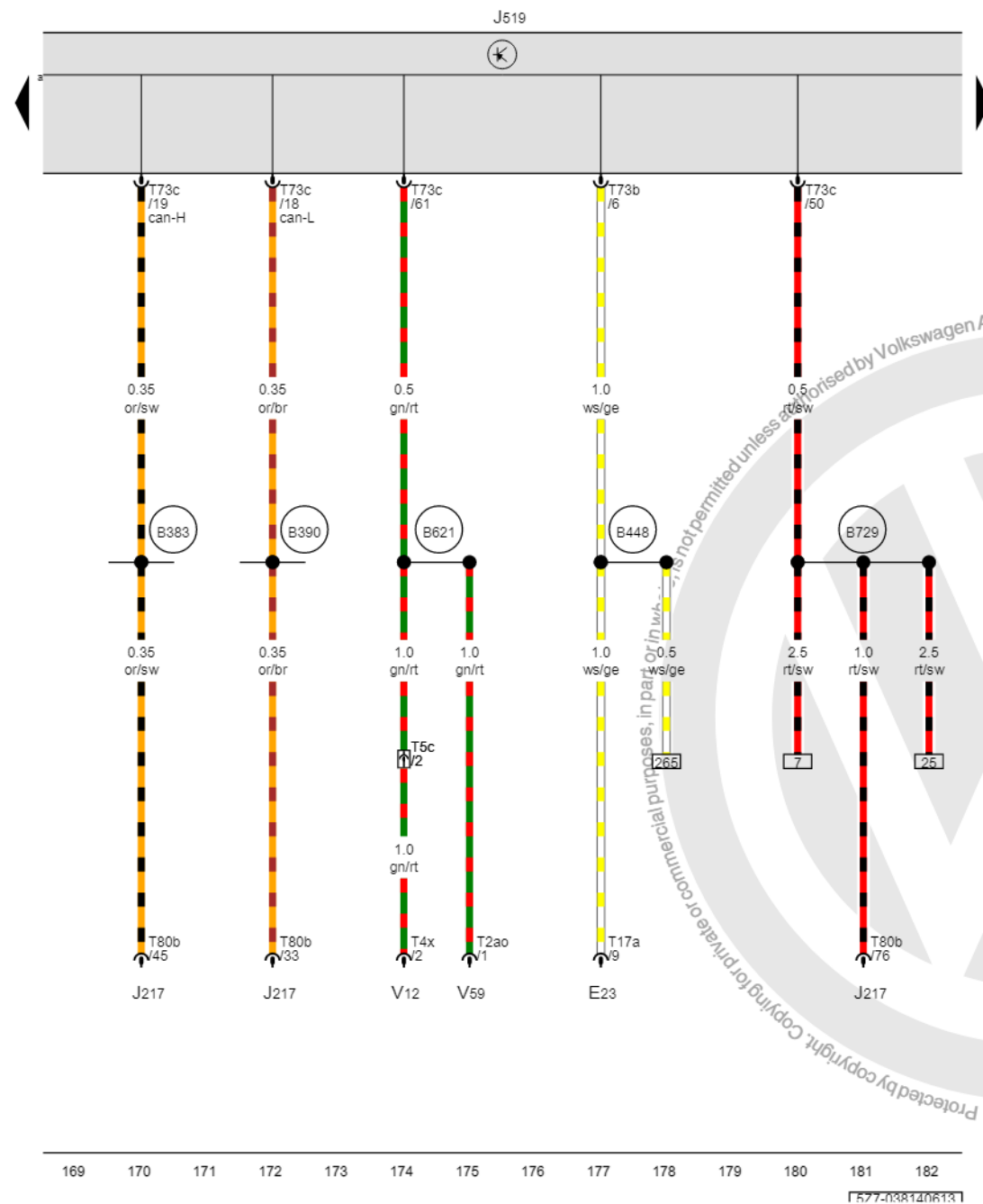


# Onboard supply control unit

- E34 Rear wiper switch
- F4 Reversing light switch
- J351 Folding exterior mirror control unit
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- T2al 2-pin connector
- T2am 2-pin connector
- T2x 2-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T9u 9-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T23b 23-pin connector
- T41a 41-pin connector
- T73c 73-pin connector

- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- \* Only models with dual headlights

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



# Onboard supply control unit

- E23 Front and rear fog light switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T4x 4-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T17a 17-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B448 Connection (rear fog light), in main wiring harness
- B621 Connection 1 (53c), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

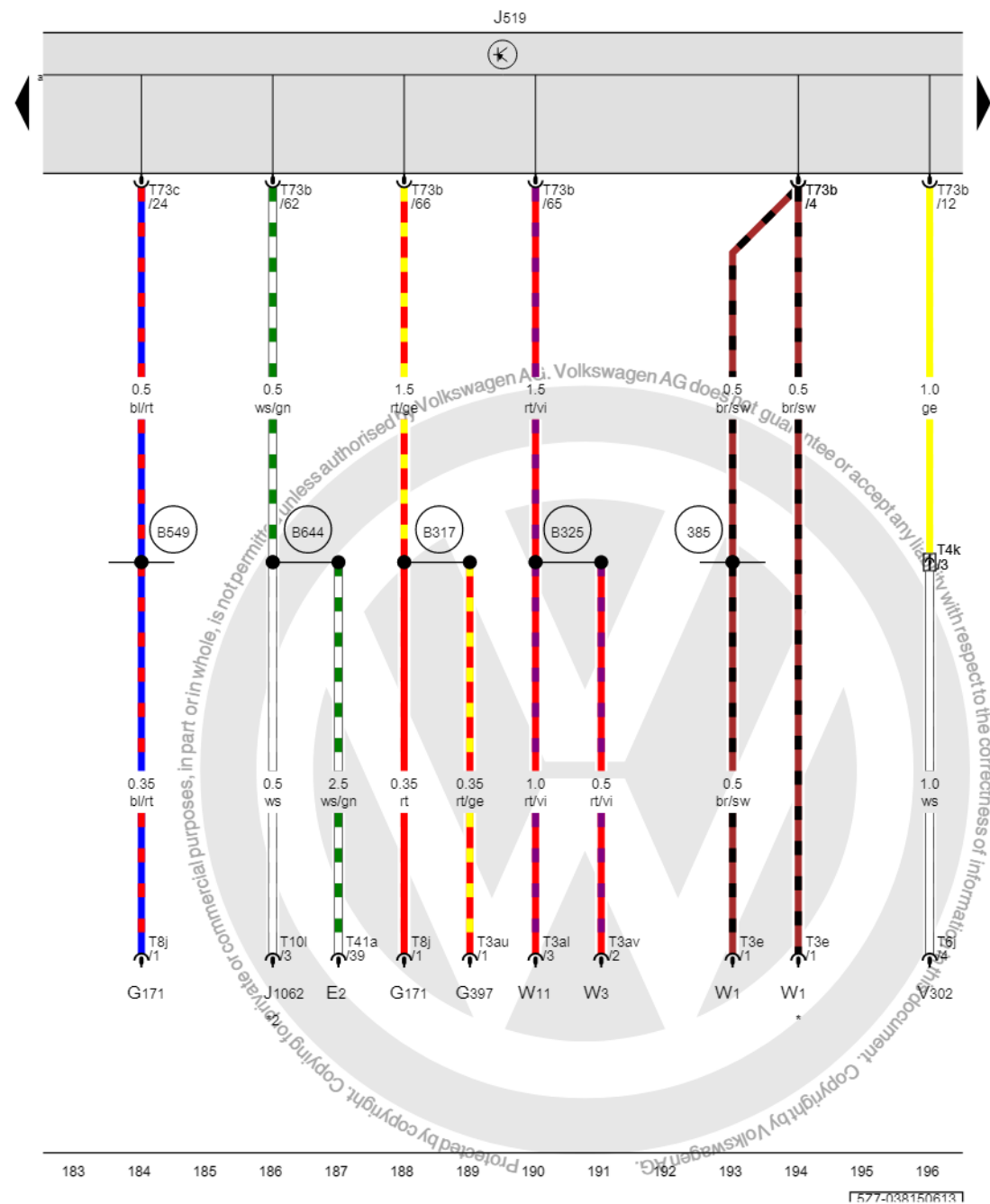
# Onboard supply control unit

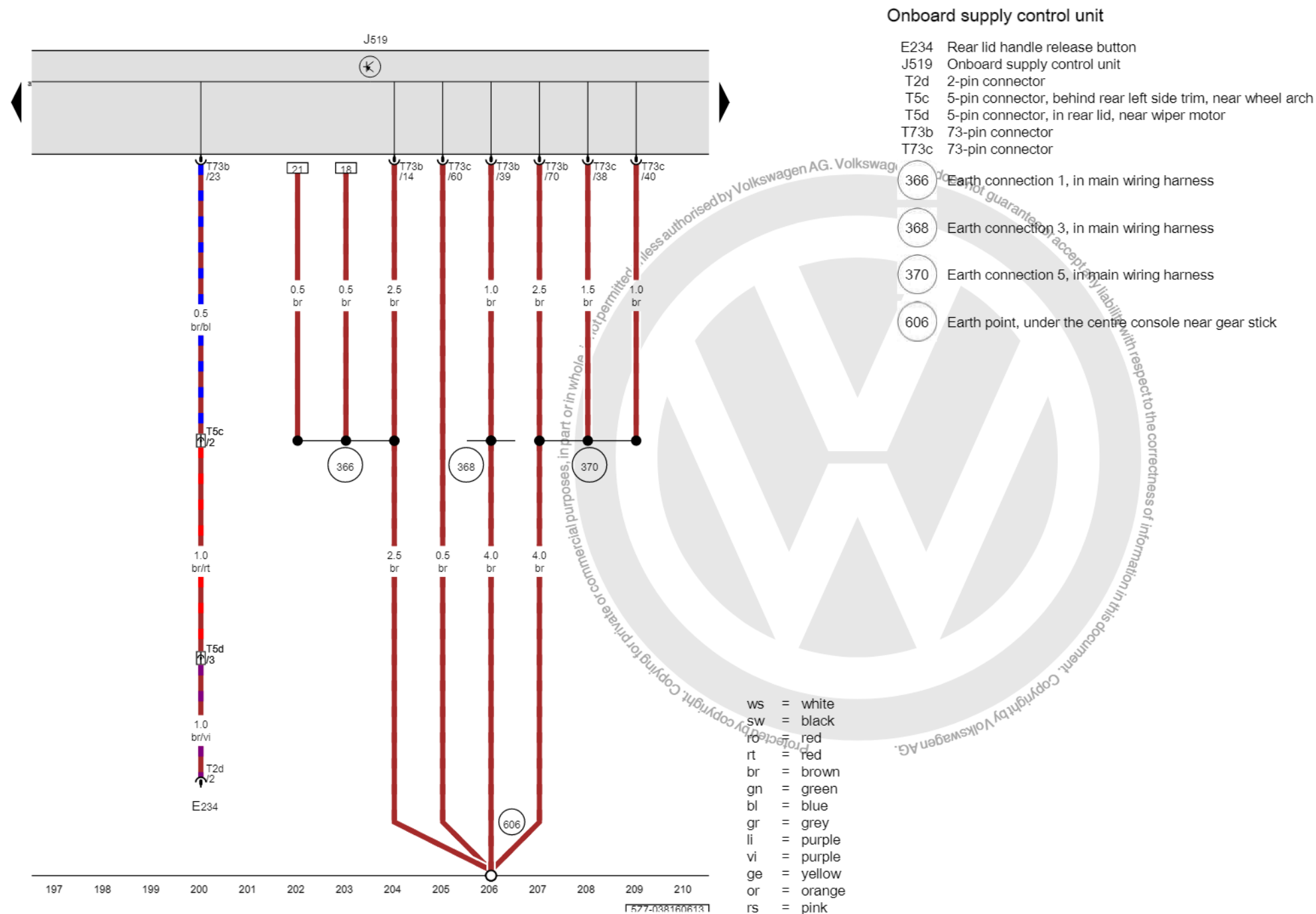
- E2 Turn signal switch
- G171 Right ultrasonic sensor for anti-theft alarm system
- G397 Rain and light sensor
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T3al 3-pin connector
- T3au 3-pin connector
- T3av 3-pin connector
- T3e 3-pin connector
- T4k 4-pin connector, in front left door
- T6j 6-pin connector
- T8j 8-pin connector
- T10l 10-pin connector
- T41a 41-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- V302 Driver door power latching motor
- W1 Front interior light
- W3 Luggage compartment light
- W11 Rear left reading light

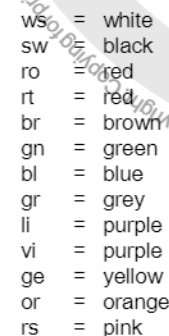
- 385 Earth connection 20, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B325 Positive connection 11 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- B644 Connection 3 (56a), in main wiring harness

- \* Only models with no rear reading lights
- \*2 Only CROSS models

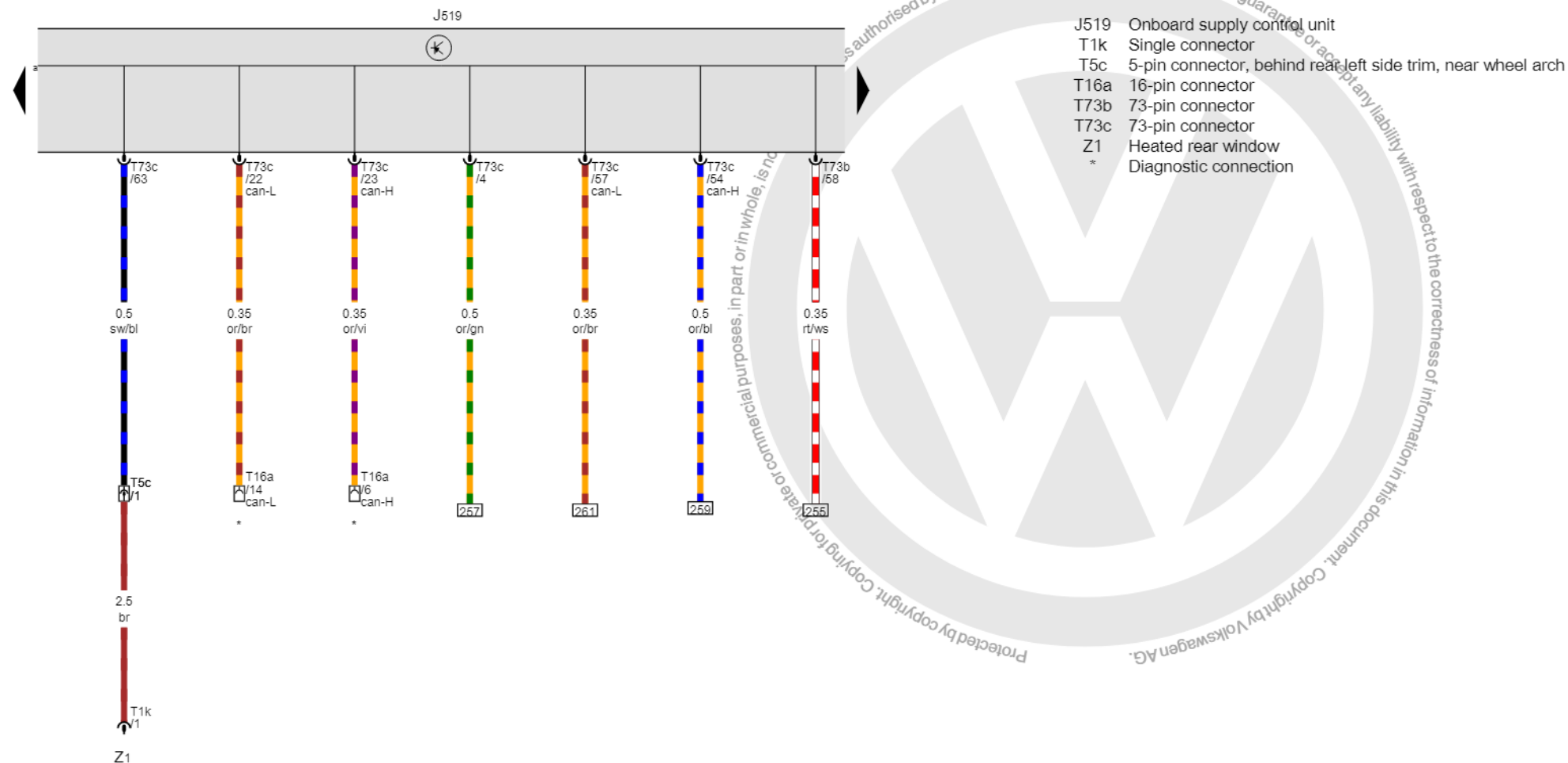
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E150	Driver side interior locking switch
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
M94	Left main beam headlight and fog light bulb
M95	Right main beam headlight and fog light bulb
T2aq	2-pin connector
T2cd	2-pin connector
T2y	2-pin connector
T4am	4-pin connector
T4an	4-pin connector
T4f	4-pin connector
T5c	5-pin connector, behind rear left side trim, near wheel arch
T5e	5-pin connector, in rear lid, near wiper motor
T6j	6-pin connector
T21a	21-pin connector, in front left door
T73b	73-pin connector
T73c	73-pin connector
V139	Rear lid release motor
V302	Driver door power latching motor
<b>B812</b>	Connection 2 (fog light), in main wiring harness
<b>B813</b>	Connection 3 (fog light), in main wiring harness
*	Only CROSS models



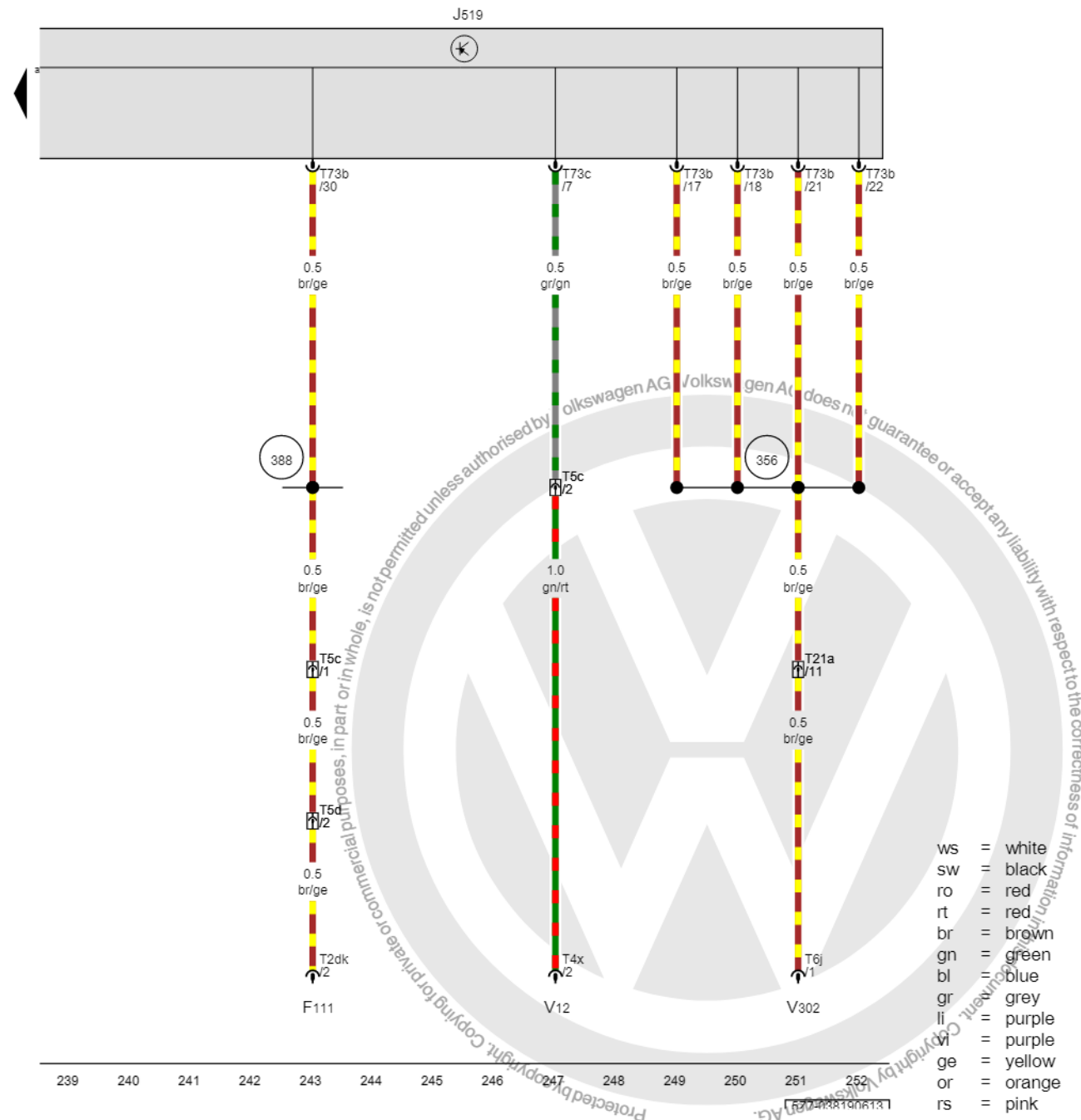
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 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

# Onboard supply control unit

- F111 Rear lid contact switch
- J519 Onboard supply control unit
- T2dk 2-pin connector
- T4x 4-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T5d 5-pin connector, in rear lid, near wiper motor
- T6j 6-pin connector
- T21a 21-pin connector, in front left door
- T73b 73-pin connector
- T73c 73-pin connector
- V12 Rear window wiper motor
- V302 Driver door power latching motor

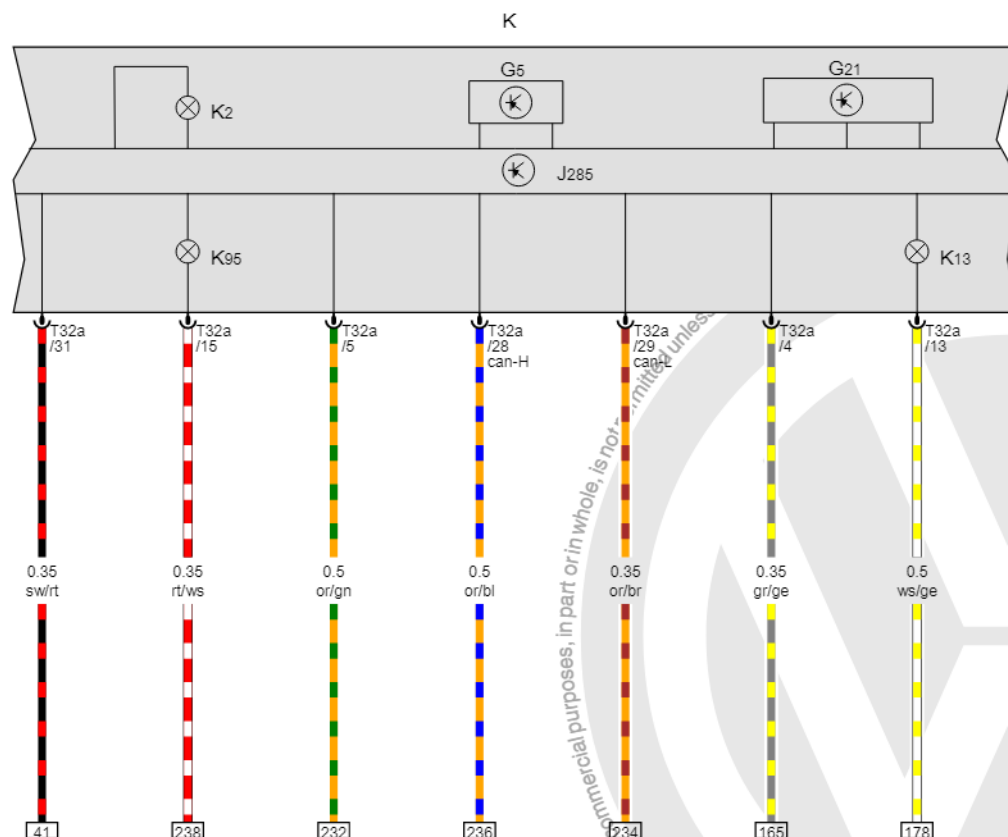
356 Earth connection (CL), in door wiring harness

388 Earth connection 23, in main wiring harness



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Rear fog light warning lamp, Alarm system warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector



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## Basic equipment

From April 2013

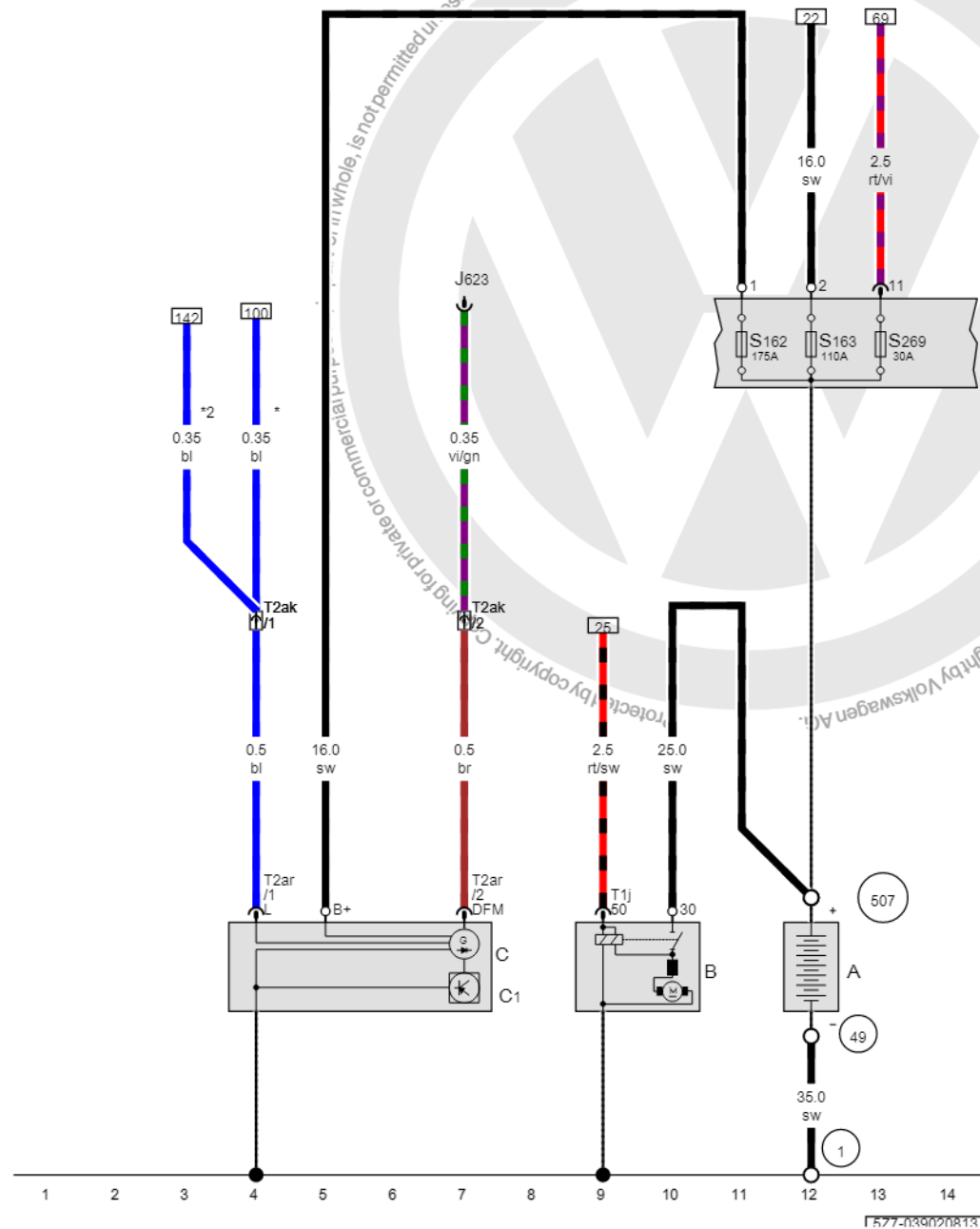


Battery, Starter, Alternator, Voltage regulator

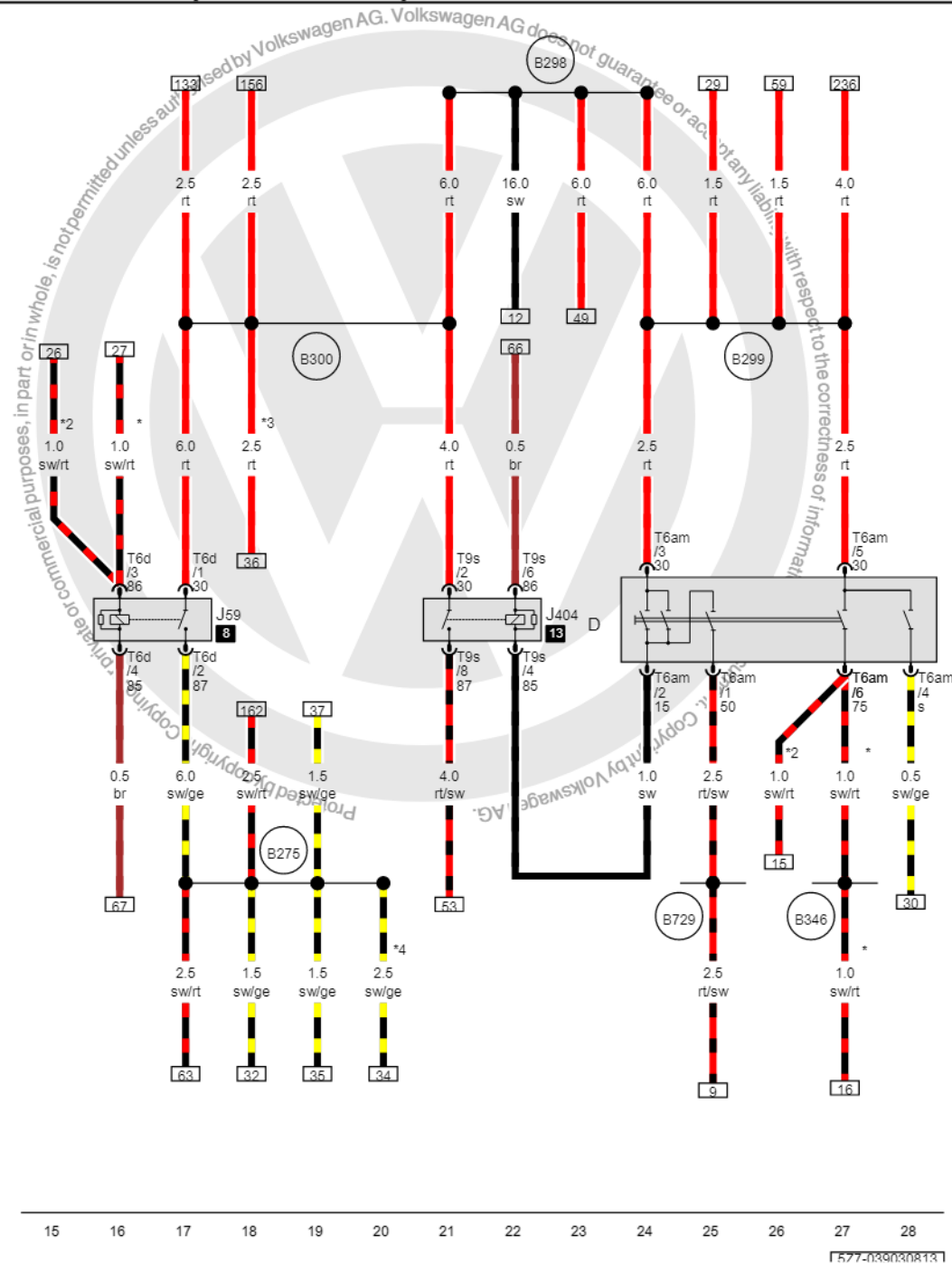
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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# Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Up to April 2013
- \*4 From April 2013

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Fuse 2 in fuse holder A, Fuse 11 in fuse holder A, Fuse 20 in fuse holder A, Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 33 on fuse holder B, Fuse 39 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

SA2 Fuse 2 in fuse holder A  
SA11 Fuse 11 in fuse holder A  
SA20 Fuse 20 in fuse holder A  
SB26 Fuse 26 on fuse holder B  
SB31 Fuse 31 on fuse holder B  
SB33 Fuse 33 on fuse holder B  
SB39 Fuse 39 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
SB48 Fuse 48 on fuse holder B

B627 Positive connection 3 (15), in main wiring harness

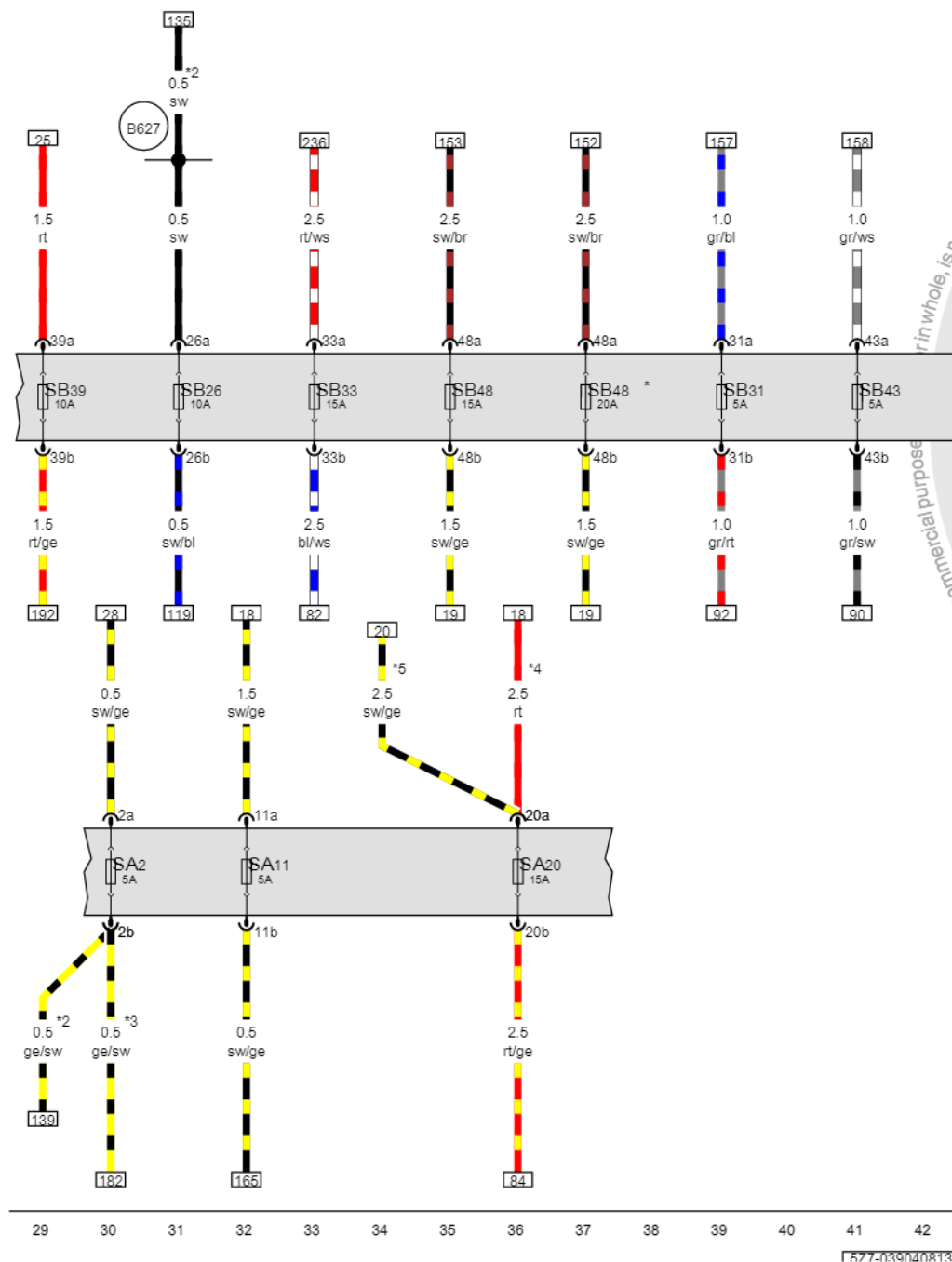
\* Only smoker version models

\*2 Only models with onboard supply control unit BFM

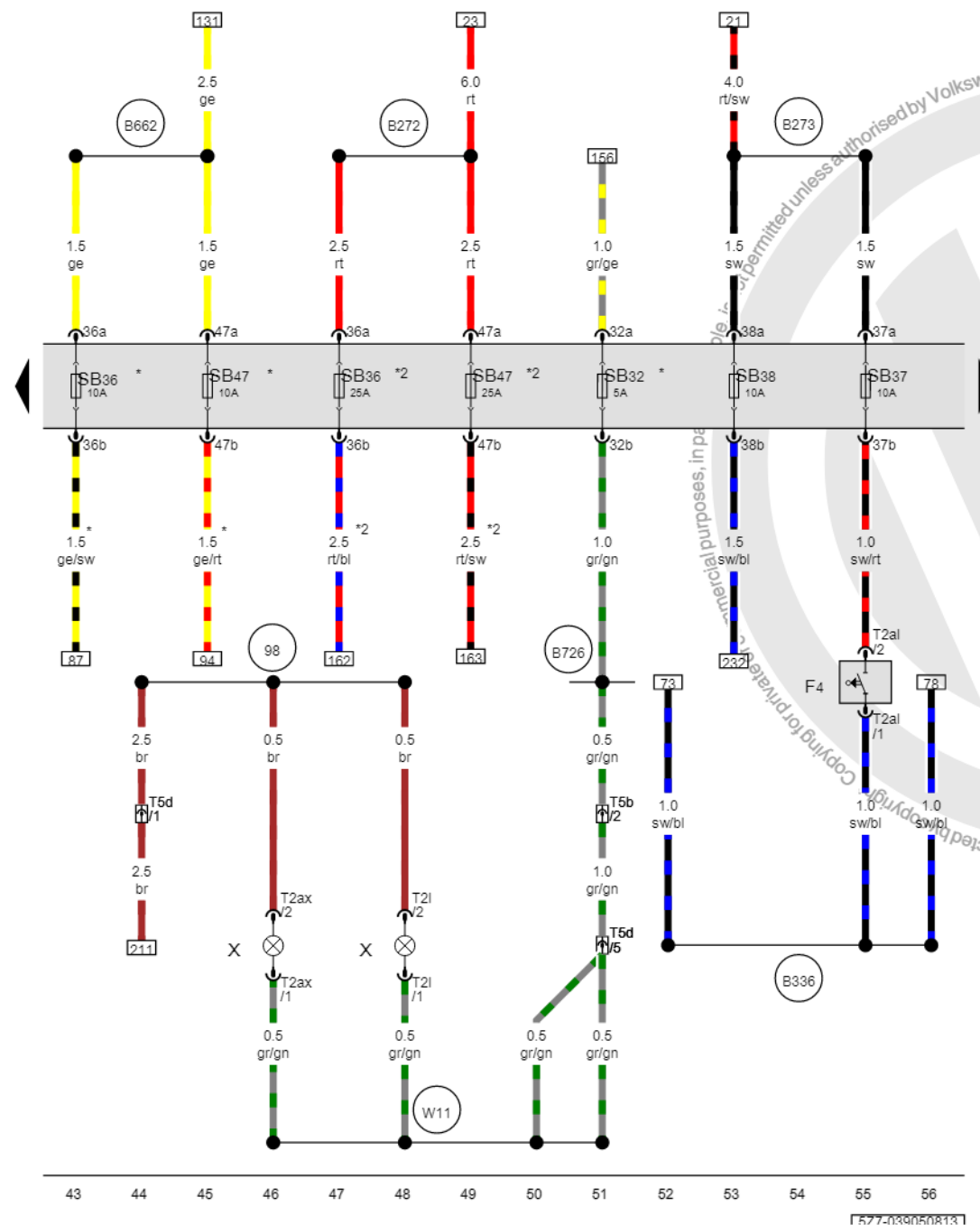
\*3 Only models with onboard supply control unit BCM

\*4 Up to April 2013

\*5 From April 2013



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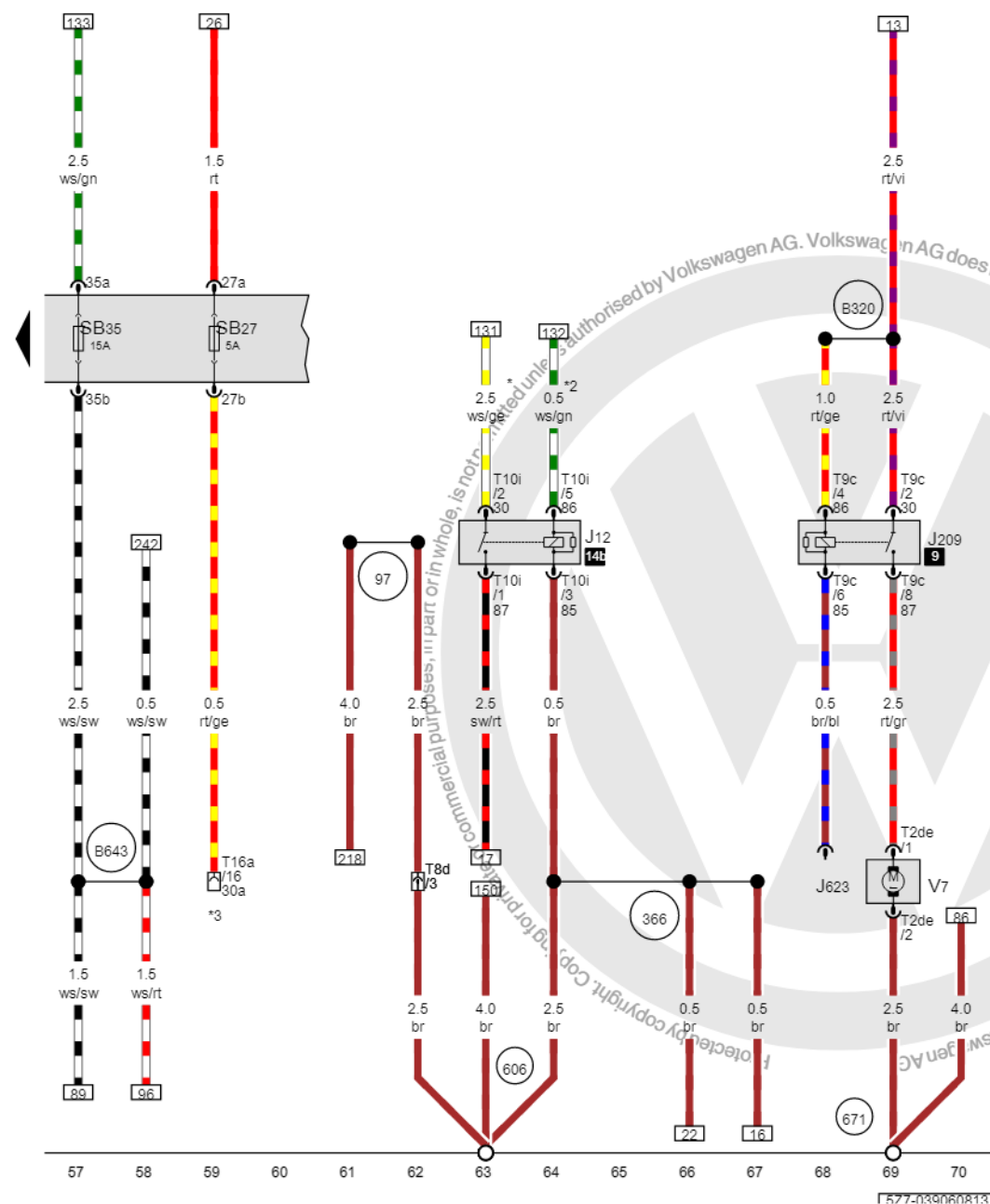


# Reversing light switch, Number plate light

- F4 Reversing light switch
- SB32 Fuse 32 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector
- T2ax 2-pin connector
- T2l 2-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5d 5-pin connector, behind rear left side trim, near wheel arch, in rear lid, near wiper motor
- X Number plate light
- 98 Earth connection, in rear lid wiring harness
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- W11 Connection (58), in rear lid wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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Headlight main beam relay, Fresh air blower and radiator fan relay, Radiator fan

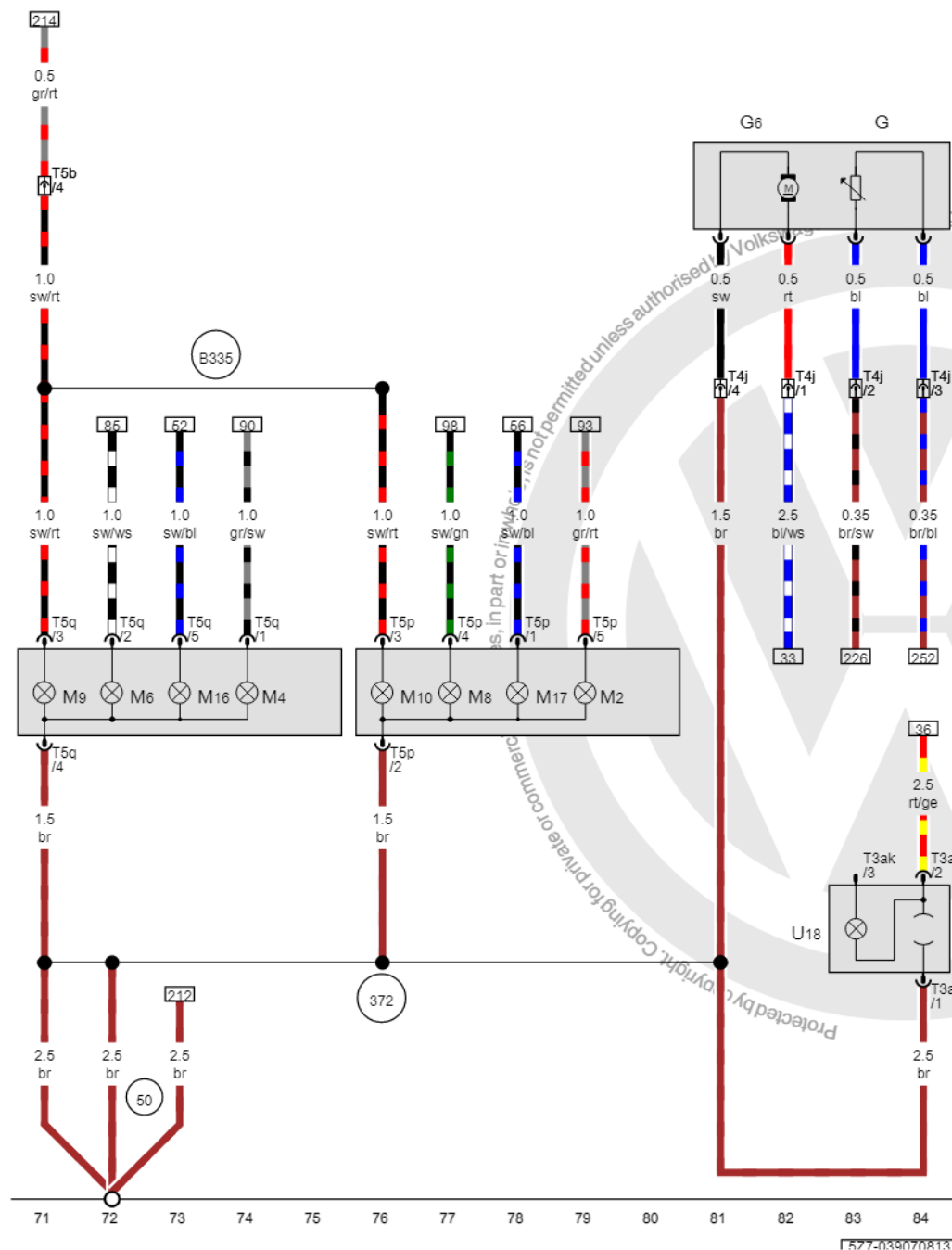


- J12 Headlight main beam relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- SB27 Fuse 27 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- T2de 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9c 9-pin connector
- T10i 10-pin connector
- T16a 16-pin connector
- V7 Radiator fan

- 97 Earth connection 1, in air conditioning system wiring harness
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- 671 Earth point 1, on front of left longitudinal member
- B320 Positive connection 6 (30a) in main wiring harness
- B643 Connection 2 (56a), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Diagnostic connection

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Fuel system pressurisation pump, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, 12 V socket 2



- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T3ak 3-pin connector
- T4j 4-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5p 5-pin connector
- T5q 5-pin connector
- U18 12 V socket 2
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness



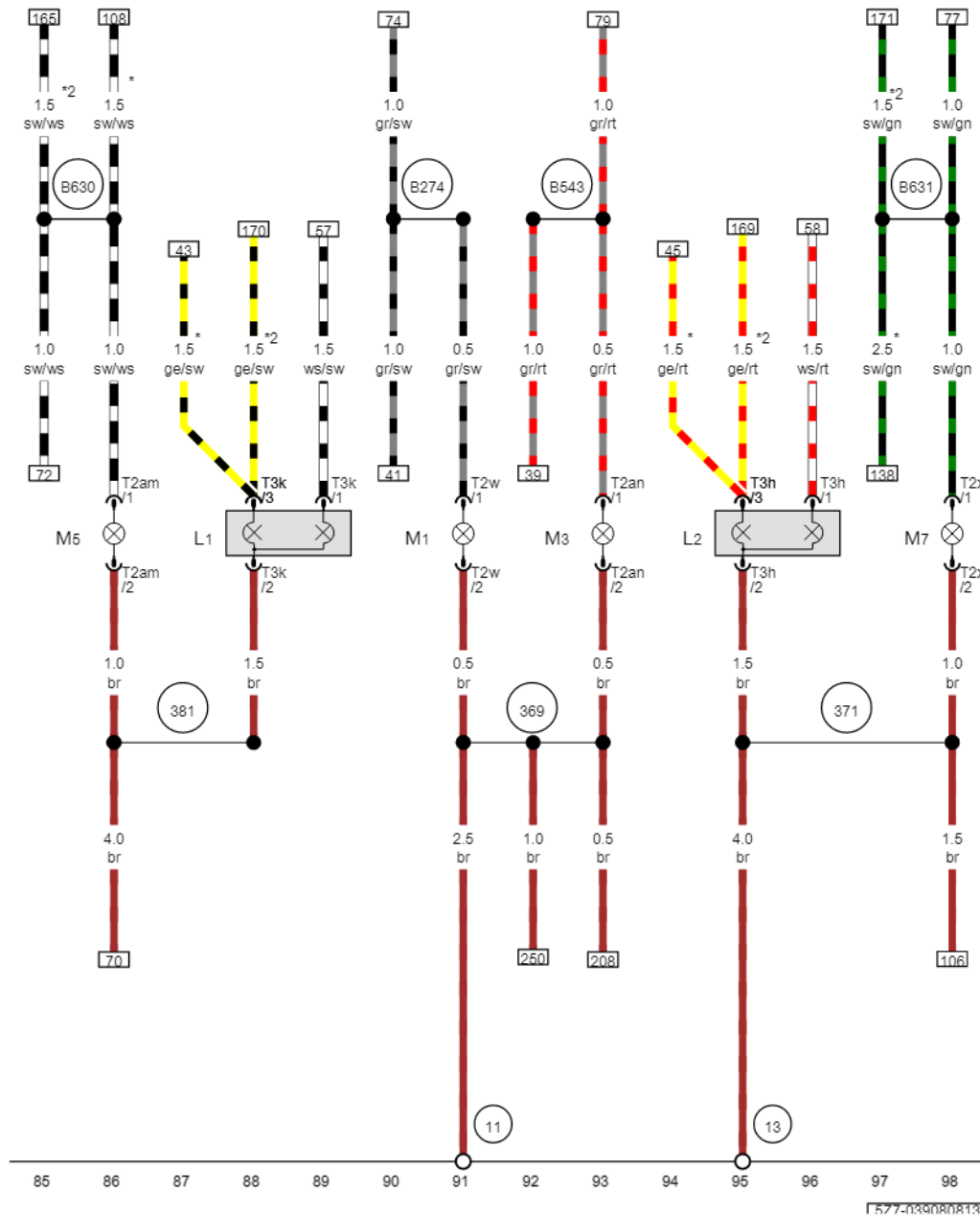
Left headlight twin filament bulb, Right headlight twin filament bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

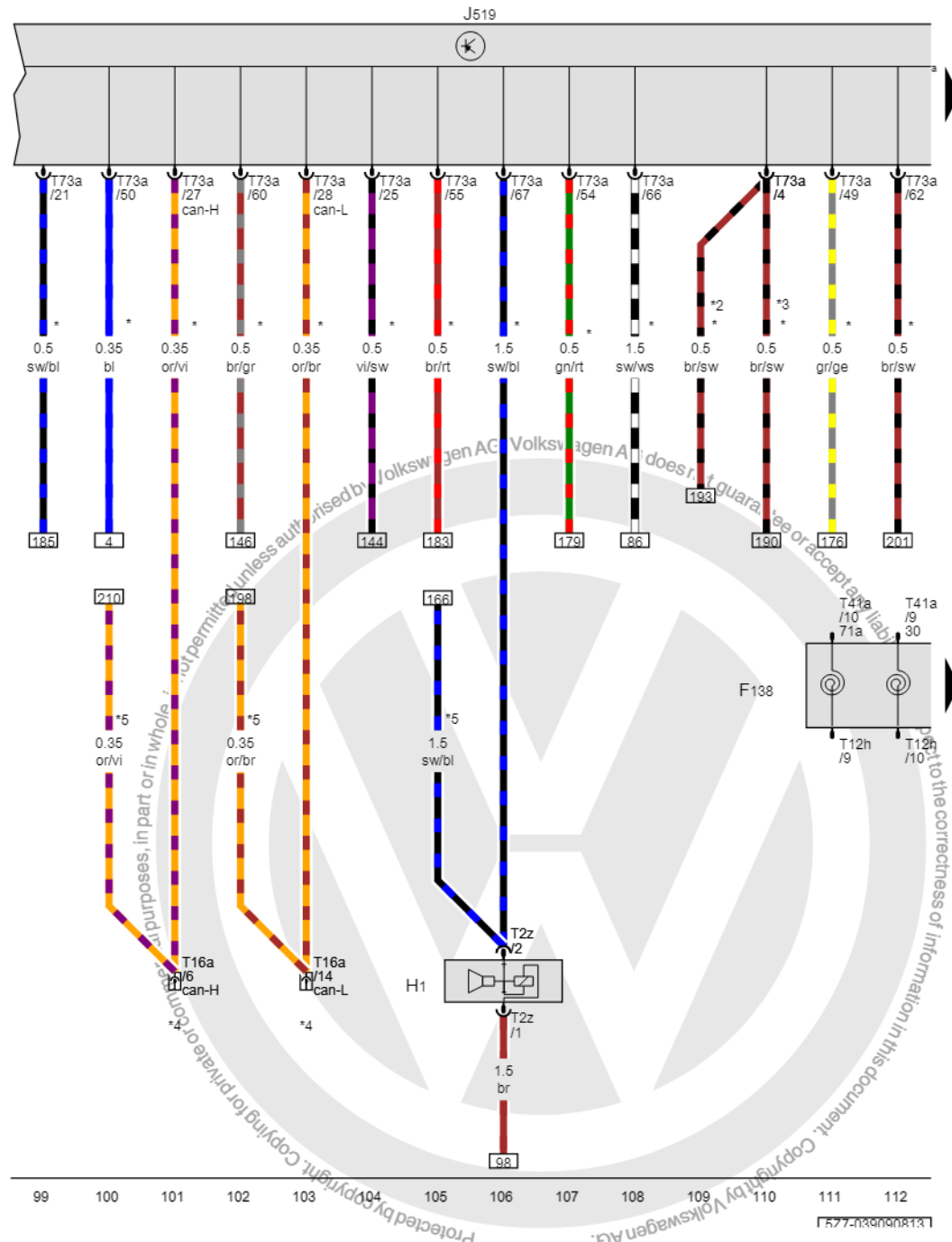
- 11 Earth point, in battery box
- 13 Earth point, on right in engine compartment
- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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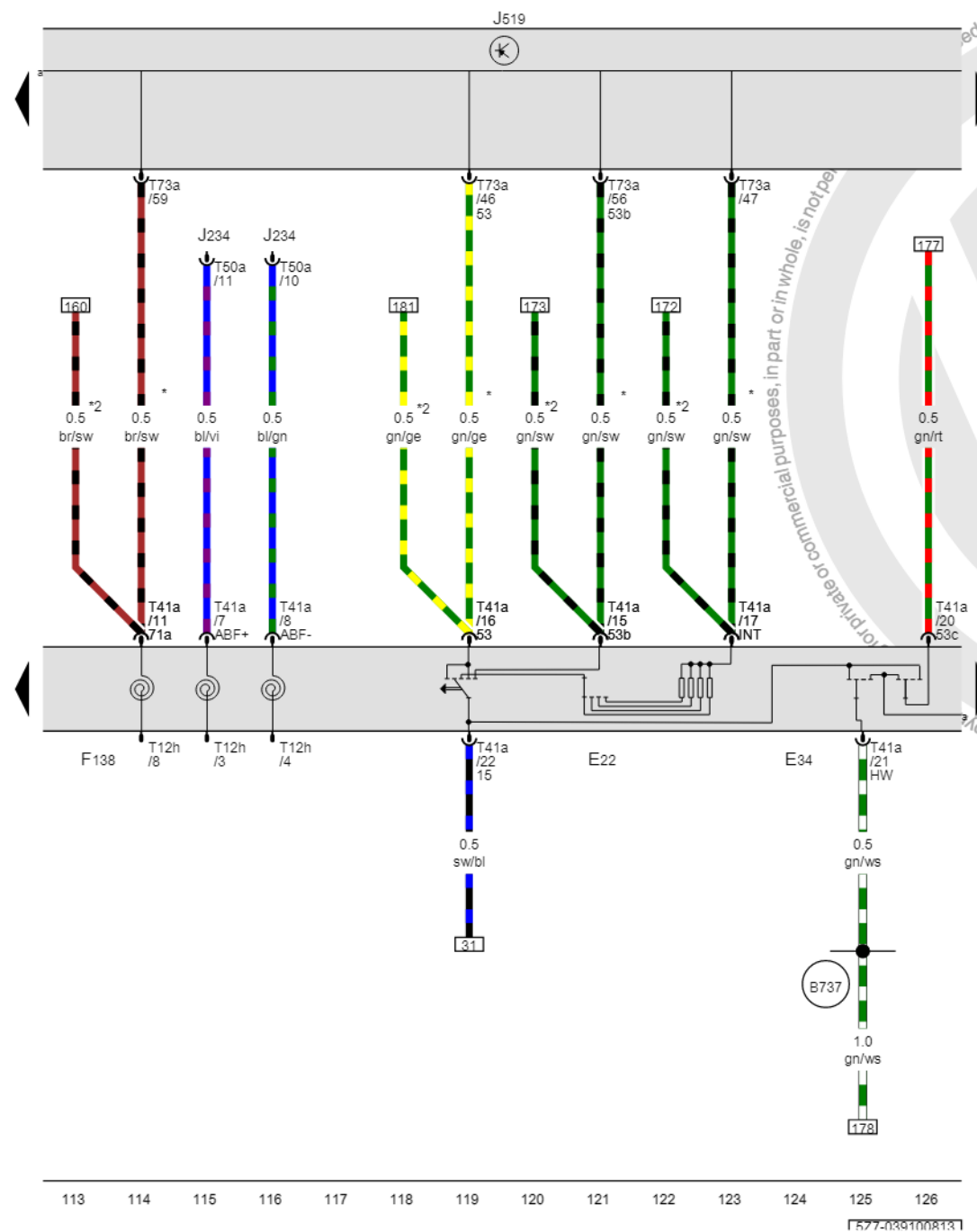




Airbag coil connector and return ring with slip ring, Horn or dual tone horn, Onboard supply control unit

- |      |  |
|------|--|
| F138 | Airbag coil connector and return ring with slip ring |
| H1   | Horn or dual tone horn                               |
| J519 | Onboard supply control unit                          |
| T2z  | 2-pin connector                                      |
| T16a | 16-pin connector                                     |
| T73a | 73-pin connector                                     |
| *    | Only models with onboard supply control unit BFM     |
| *2   | Only models with no rear reading lights              |
| *3   | Only models with rear reading lights                 |
| *4   | Diagnostic connection                                |
| *5   | Only models with onboard supply control unit BCM     |

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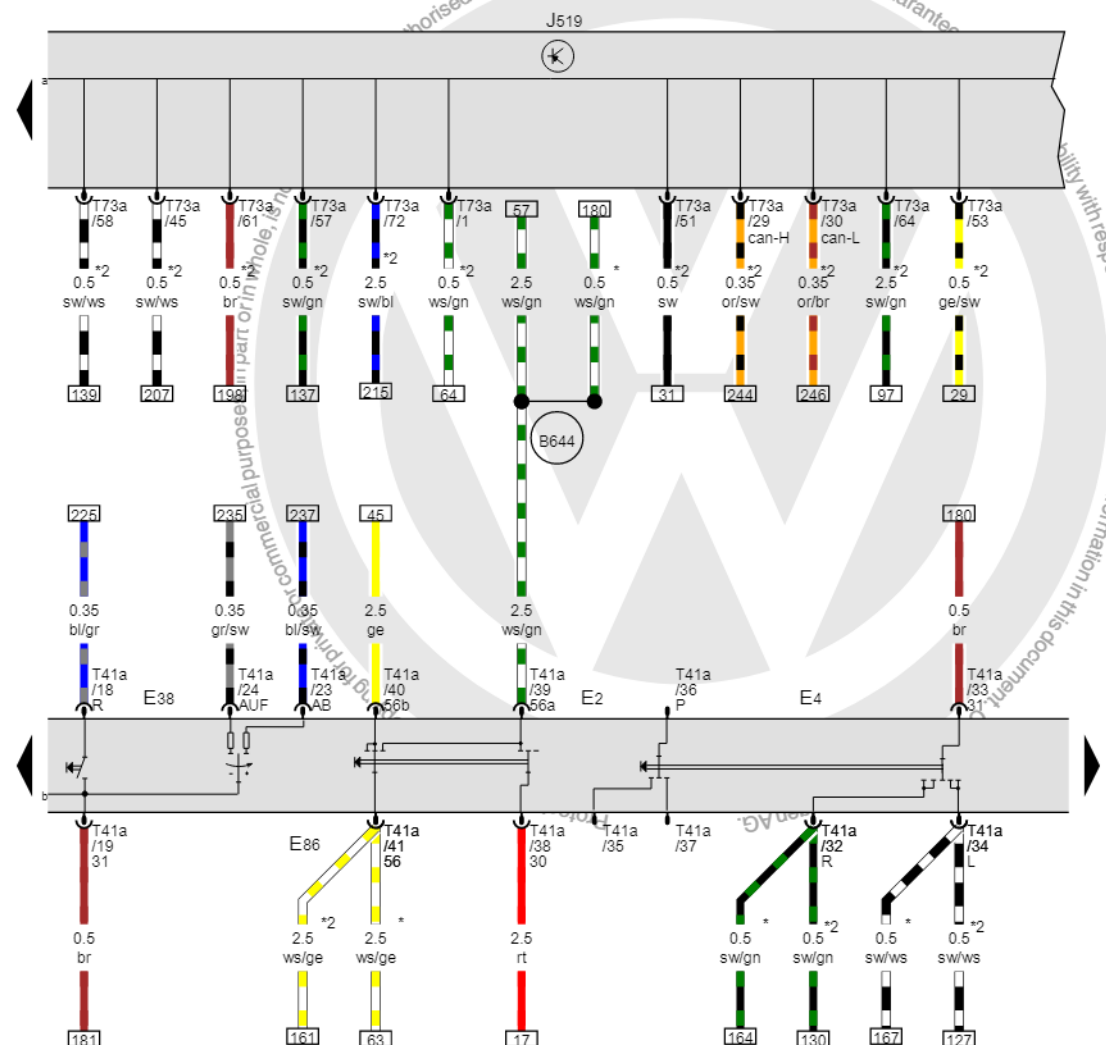
Intermittent wiper switch, Rear wiper switch, Onboard supply control unit

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J519 Onboard supply control unit
- T41a 41-pin connector
- T50a 50-pin connector
- T73a 73-pin connector

B737 Connection 2 (53c), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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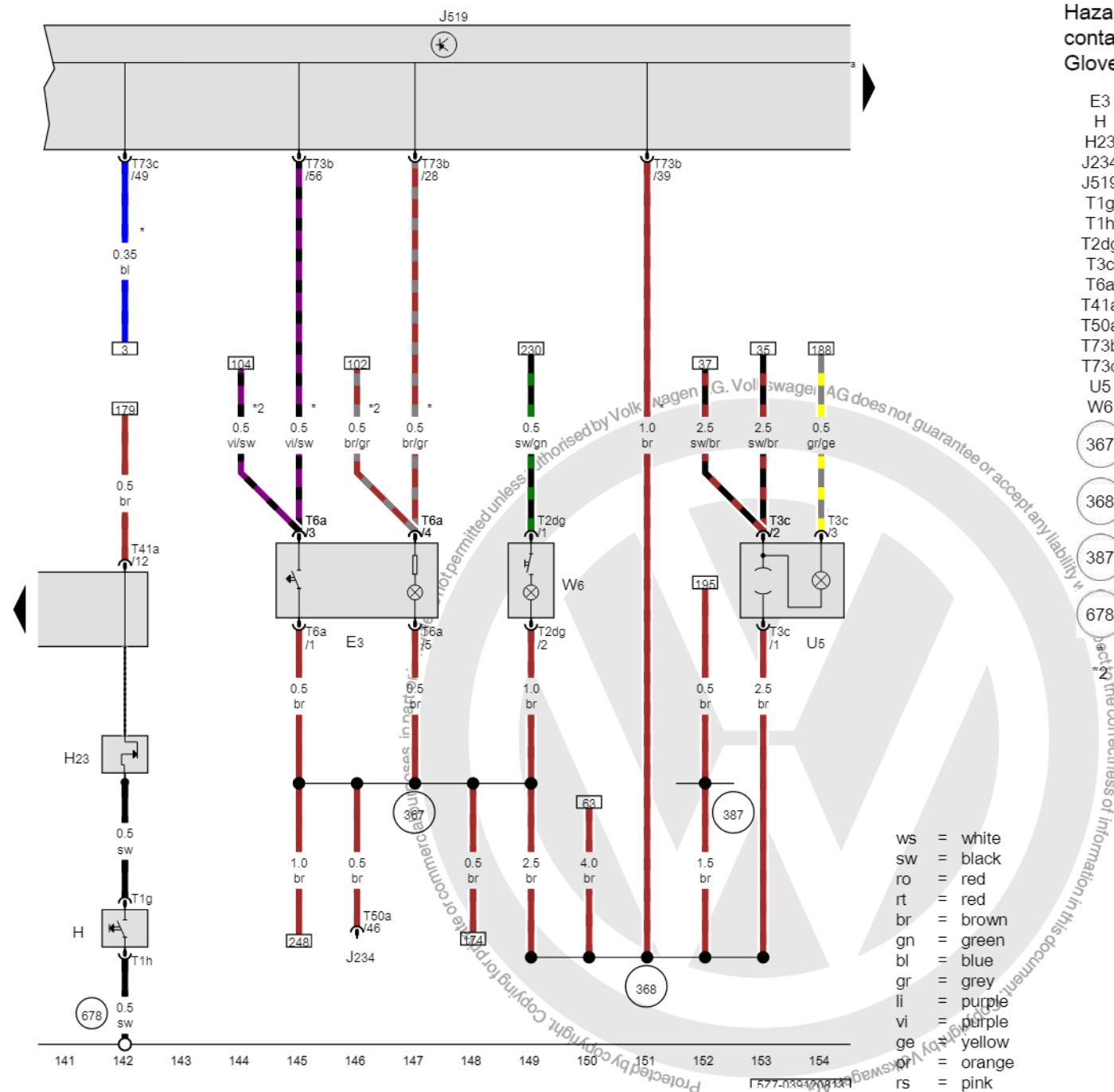
Turn signal switch, Headlight dipper and flasher switch, Intermittent wiper regulator, Multifunction display call-up button, Onboard supply control unit

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- J519 Onboard supply control unit
- T41a 41-pin connector
- T73a 73-pin connector
- B644 Connection 3 (56a), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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127 128 129 130 131 132 133 134 135 136 137 138 139 140

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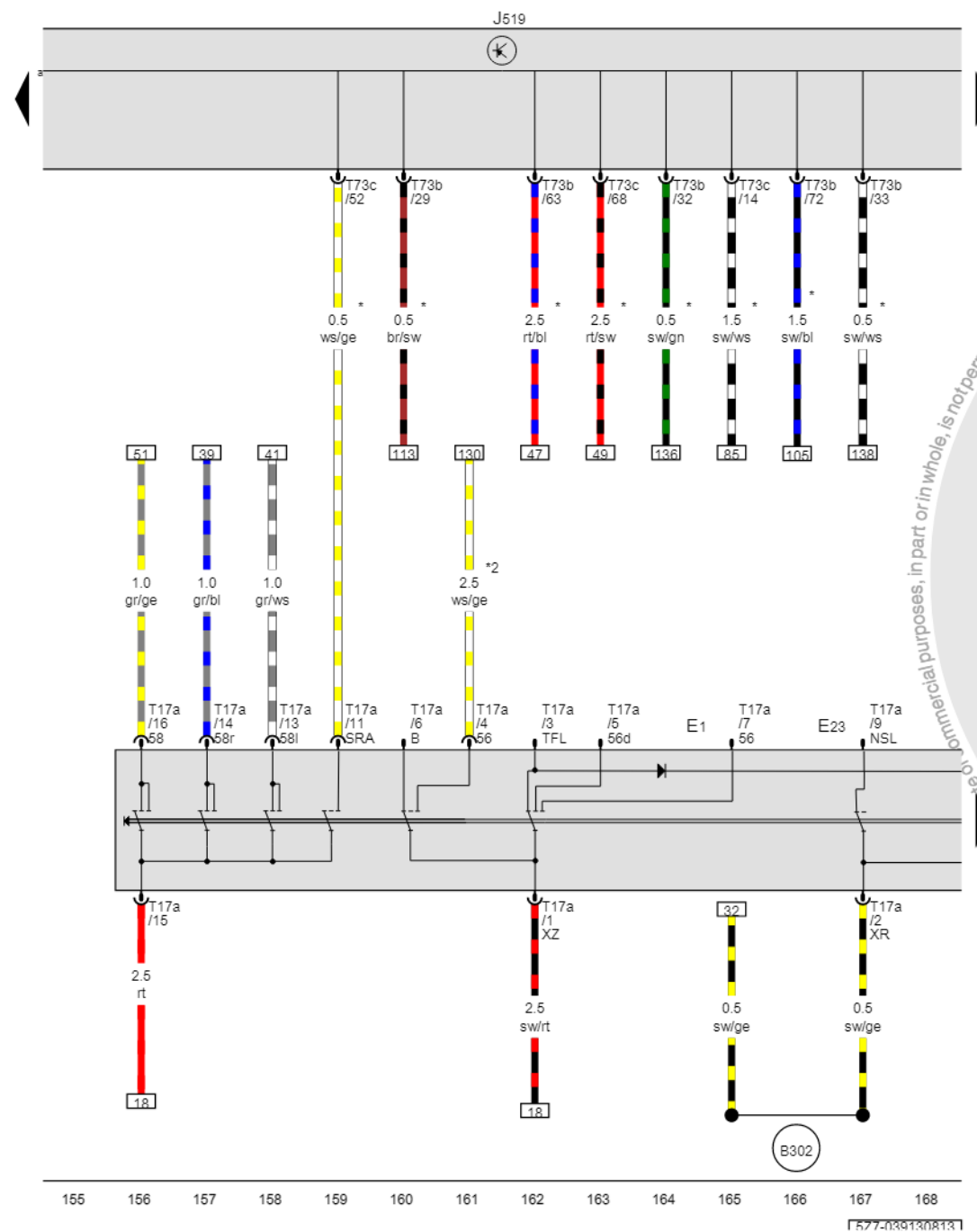
Hazard warning light switch, Horn plate, Horn activation contact ring, Onboard supply control unit, 12 V socket, Glove compartment light

- E3 Hazard warning light switch
- H Horn plate
- H23 Horn activation contact ring
- J234 Airbag control unit
- J519 Onboard supply control unit
- T1g Single connector
- T1h Single connector
- T2dg 2-pin connector
- T3c 3-pin connector
- T6a 6-pin connector
- T41a 41-pin connector
- T50a 50-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- U5 12 V socket
- W6 Glove compartment light

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 678 Earth point, on steering wheel

Only models with onboard supply control unit BCM  
Only models with onboard supply control unit BFM

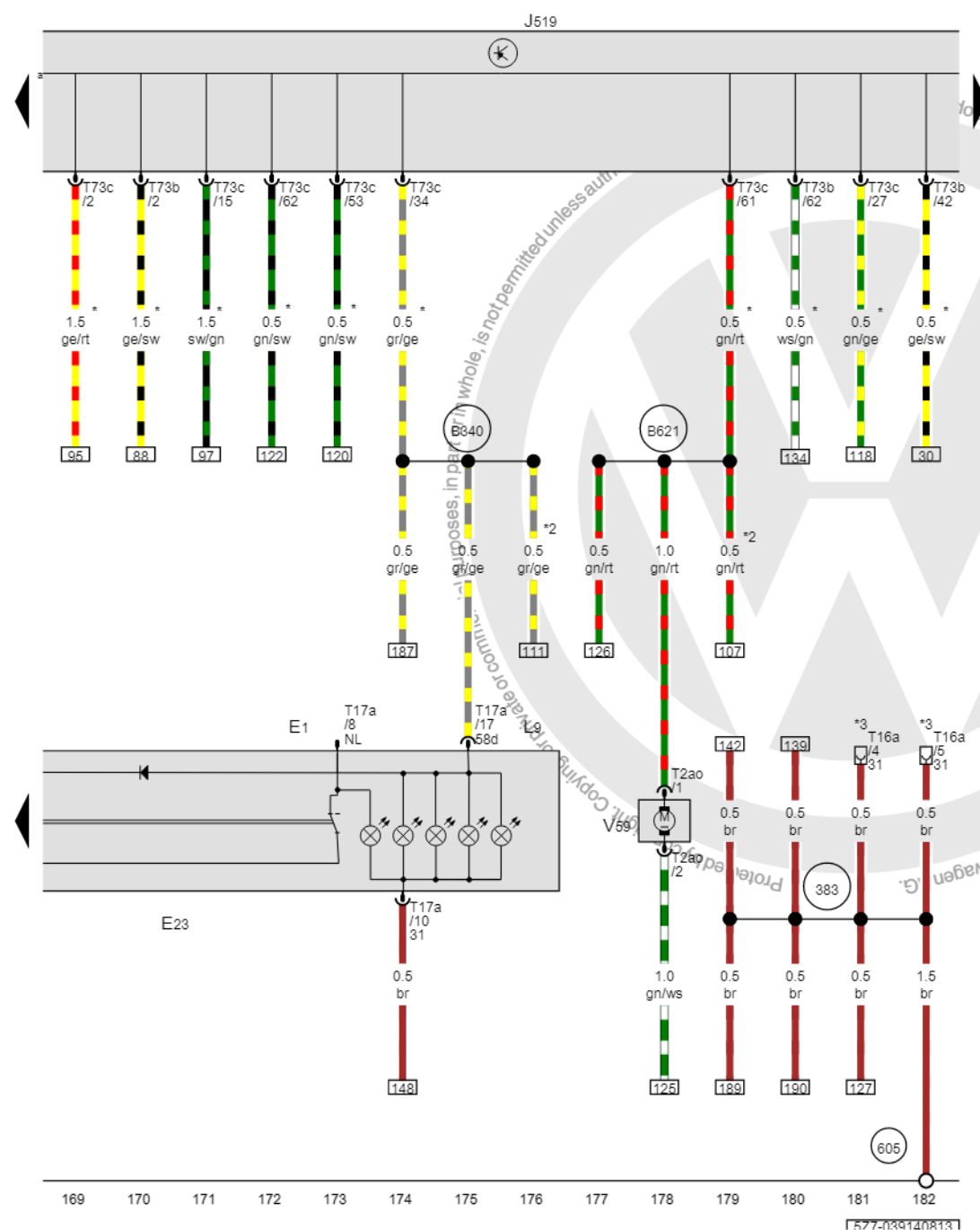
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# Light switch, Onboard supply control unit

- E1 Light switch
- E23 Front and rear fog light switch
- J519 Onboard supply control unit
- T17a 17-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- B302 Positive connection 6 (30), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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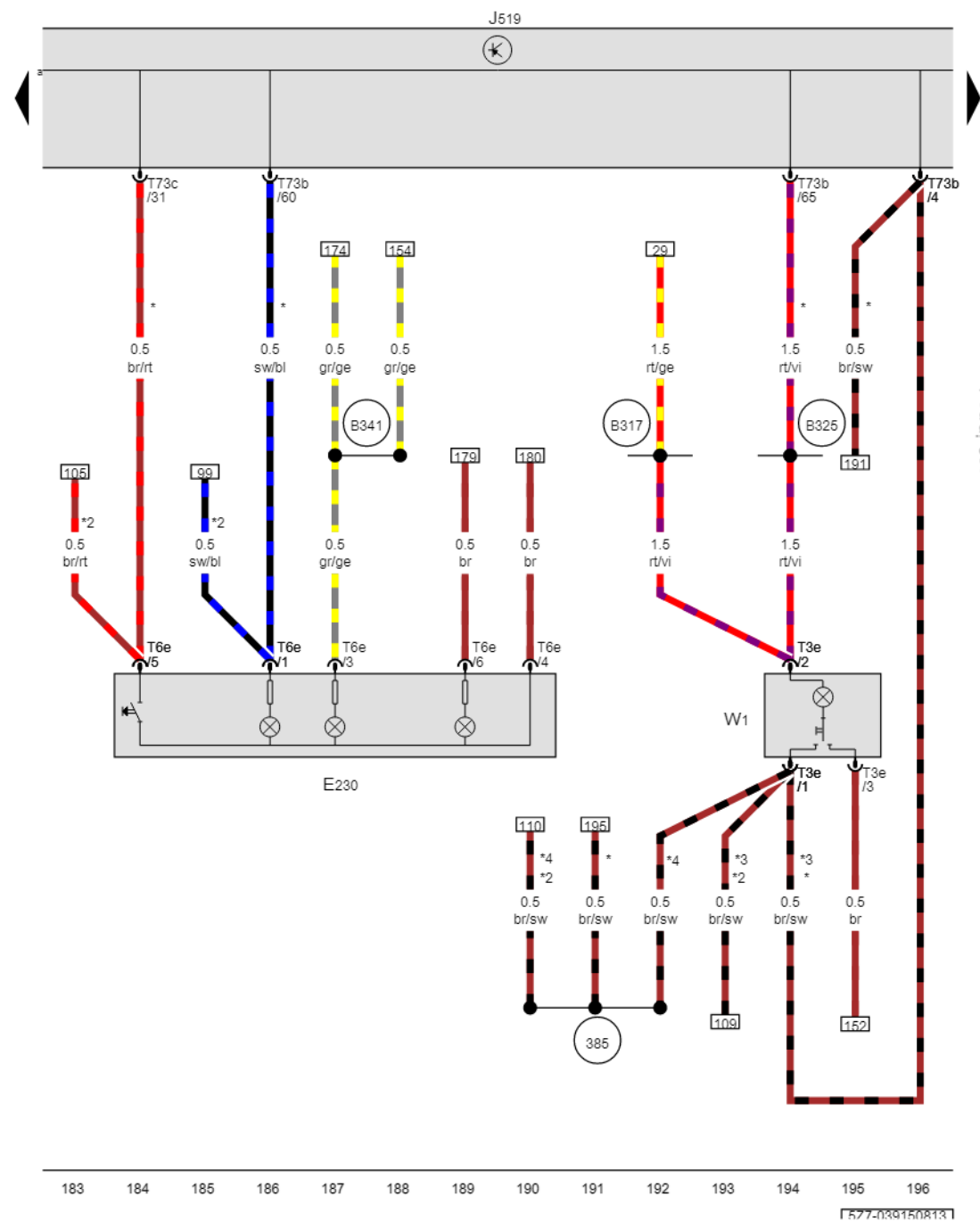


Light switch, Onboard supply control unit, Windscreen and rear window washer pump

- E1 Light switch
- E23 Front and rear fog light switch
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- T2ao 2-pin connector
- T16a 16-pin connector
- T17a 17-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- V59 Windscreen and rear window washer pump

- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B340 Connection 1 (58d), in main wiring harness
- B621 Connection 1 (53c), in main wiring harness

Only models with onboard supply control unit BCM  
Only models with onboard supply control unit BFM  
Diagnostic connection



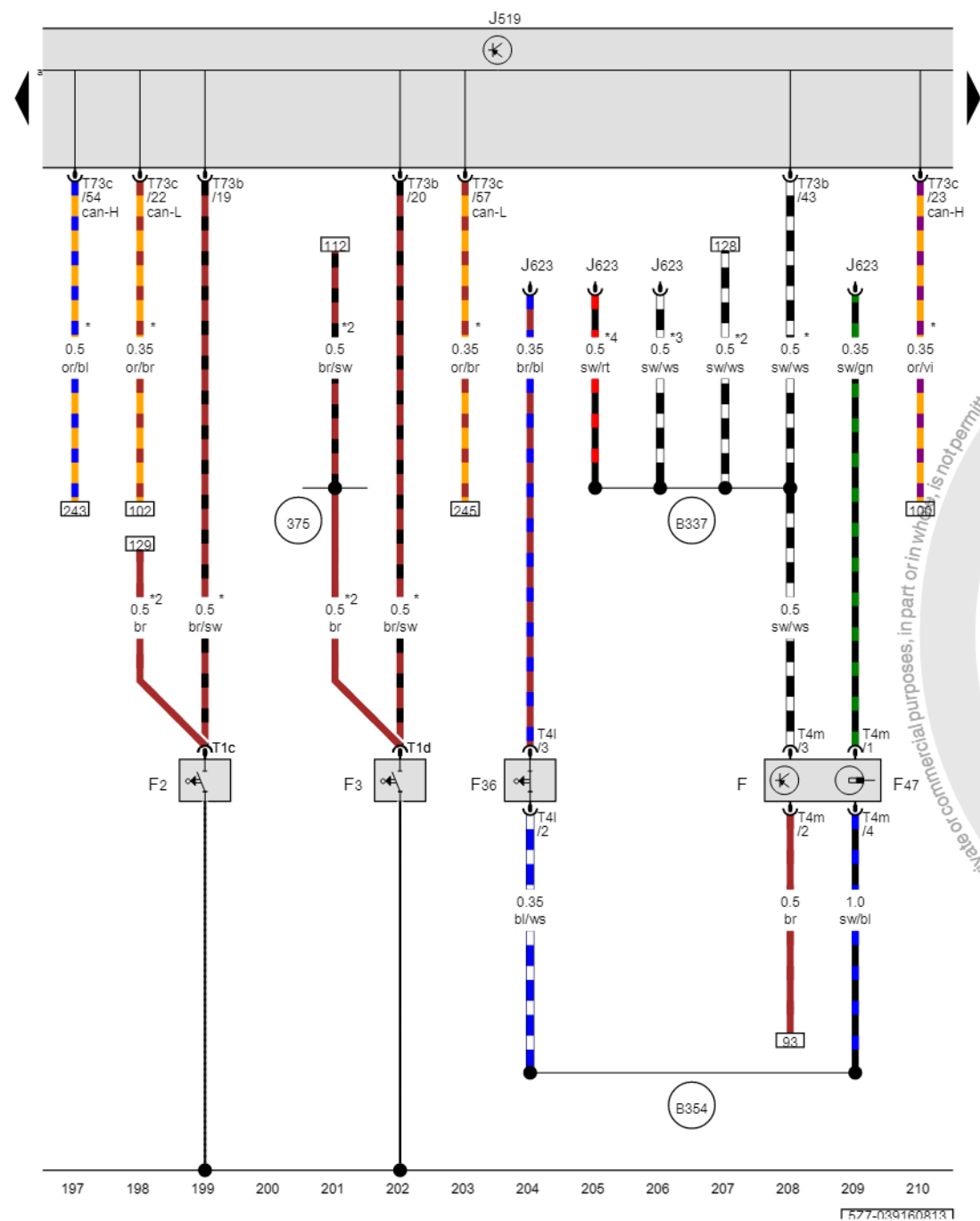
Heated rear window button, Onboard supply control unit,  
Front interior light

- E230 Heated rear window button
- J519 Onboard supply control unit
- T3e 3-pin connector
- T6e 6-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- W1 Front interior light

- 385 Earth connection 20, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B325 Positive connection 11 (30a) in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with no rear reading lights
- \*4 Only models with rear reading lights

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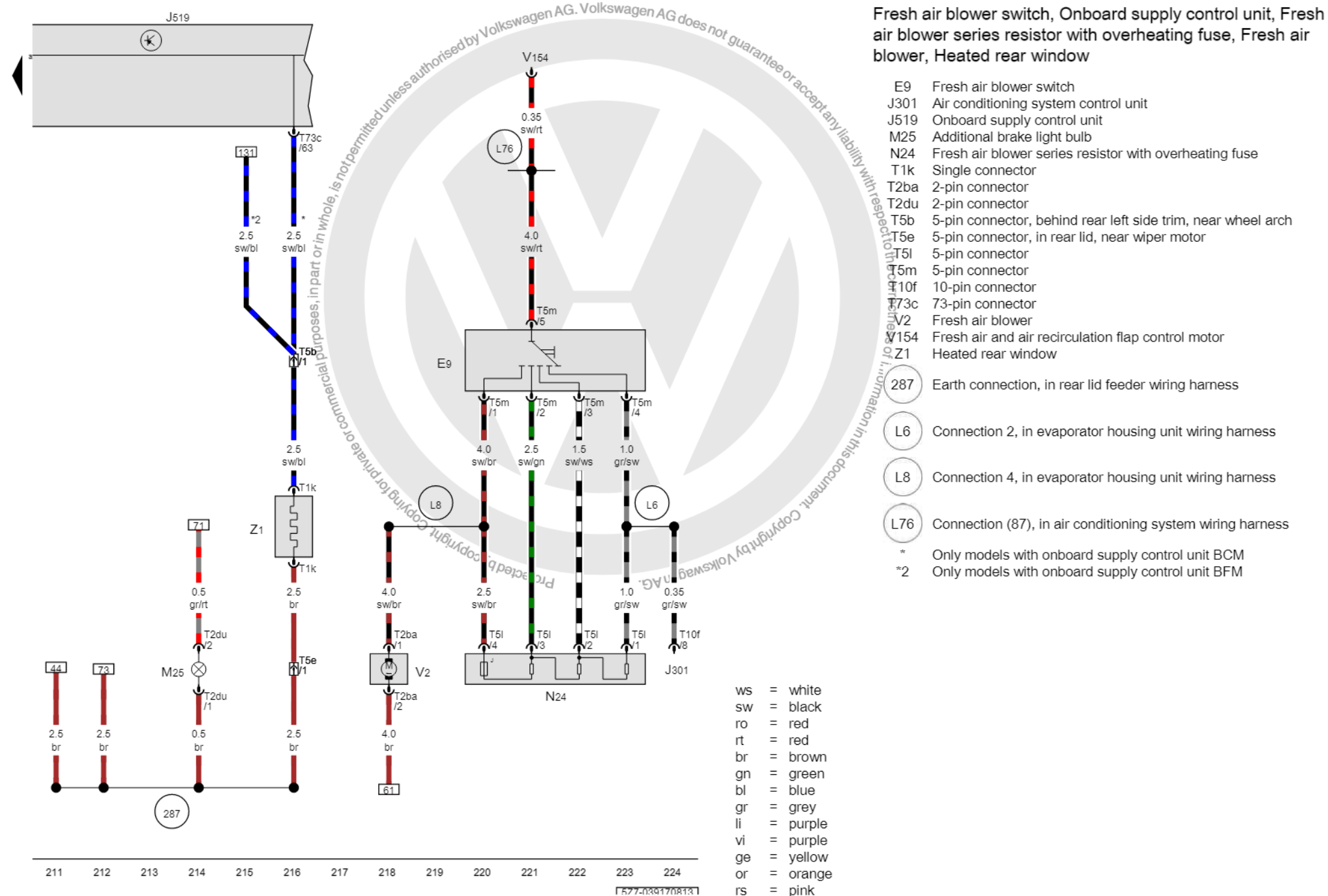
Brake light switch, Driver door contact switch, Front passenger door contact switch, Clutch pedal switch, Brake pedal switch, Onboard supply control unit

- F Brake light switch
- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- T1c Single connector
- T1d Single connector
- T4l 4-pin connector
- T4m 4-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

- 375 Earth connection 10, in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with 1.6l engine
- \*4 Only models with 1.0l Total Flex engine

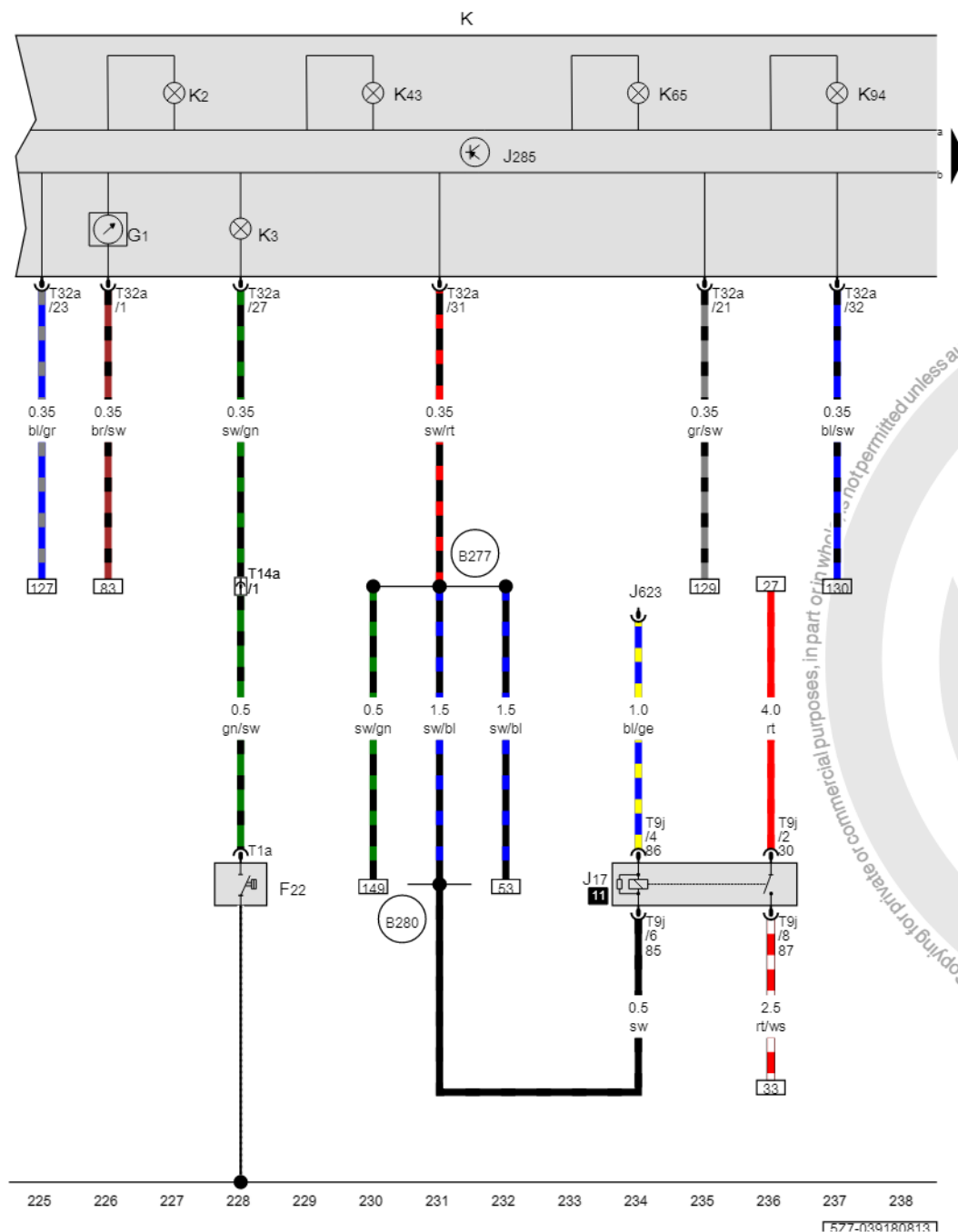
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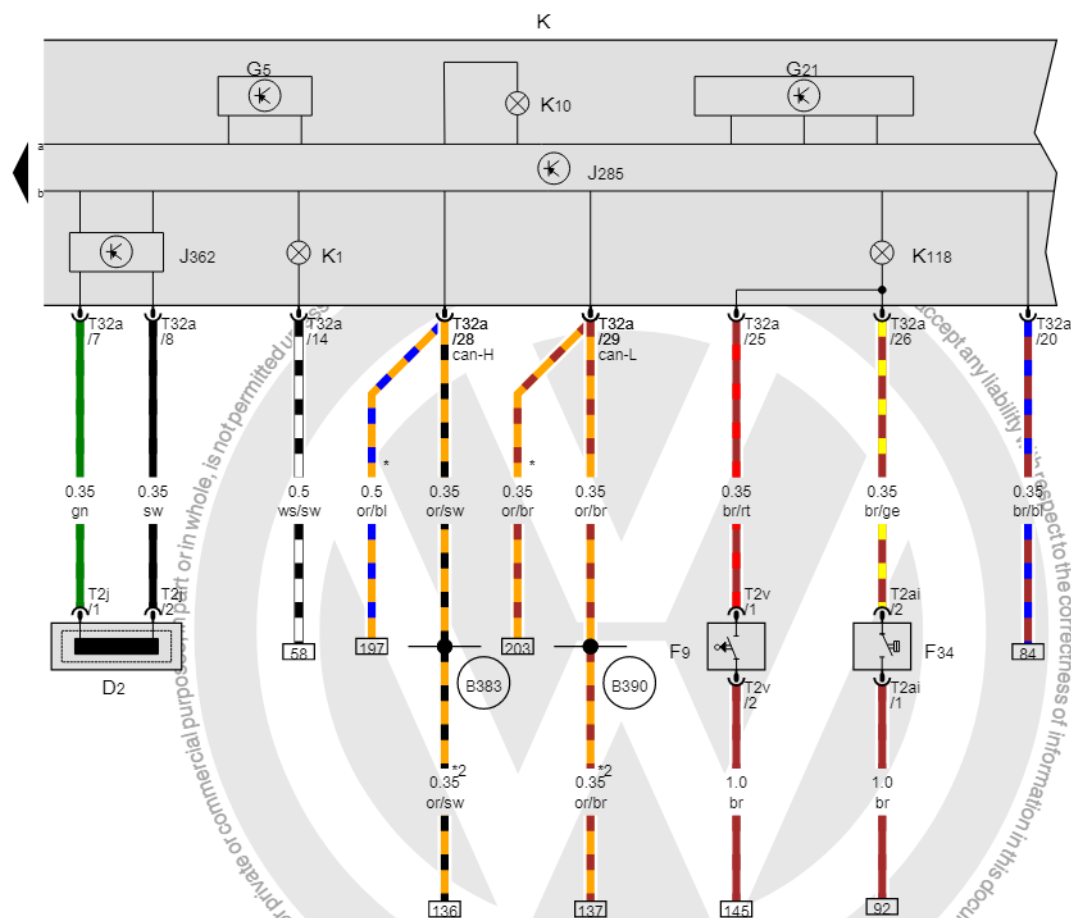




Oil pressure switch, Fuel gauge, Fuel pump relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Left turn signal warning lamp, Right turn signal warning lamp

- F22 Oil pressure switch
- G1 Fuel gauge
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T1a Single connector
- T9j 9-pin connector
- T14a 14-pin connector, in engine compartment
- T32a 32-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness





Immobiliser reader coil, Handbrake warning switch, Brake fluid level warning contact, Rev. counter, Speedometer, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Main beam warning lamp, Heated rear window warning lamp, Brake system warning lamp

- |      |   |
|------|---|
| D2   | Immobiliser reader coil   |
| F9   | Handbrake warning switch  |
| F34  | Brake fluid level warning contact                               |
| G5   | Rev. counter  |
| G21  | Speedometer   |
| J285 | Control unit in dash panel insert                               |
| J362 | Immobiliser control unit  |
| K    | Dash panel insert   |
| K1   | Main beam warning lamp  |
| K10  | Heated rear window warning lamp                                 |
| K118 | Brake system warning lamp                                       |
| T2ai | 2-pin connector   |
| T2j  | 2-pin connector   |
| T2v  | 2-pin connector   |
| T32a | 32-pin connector  |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness  |
| *    | Only models with onboard supply control unit BCM                |
| *2   | Only models with onboard supply control unit BFM                |

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## Anti-lock brake system (ABS)

From April 2013

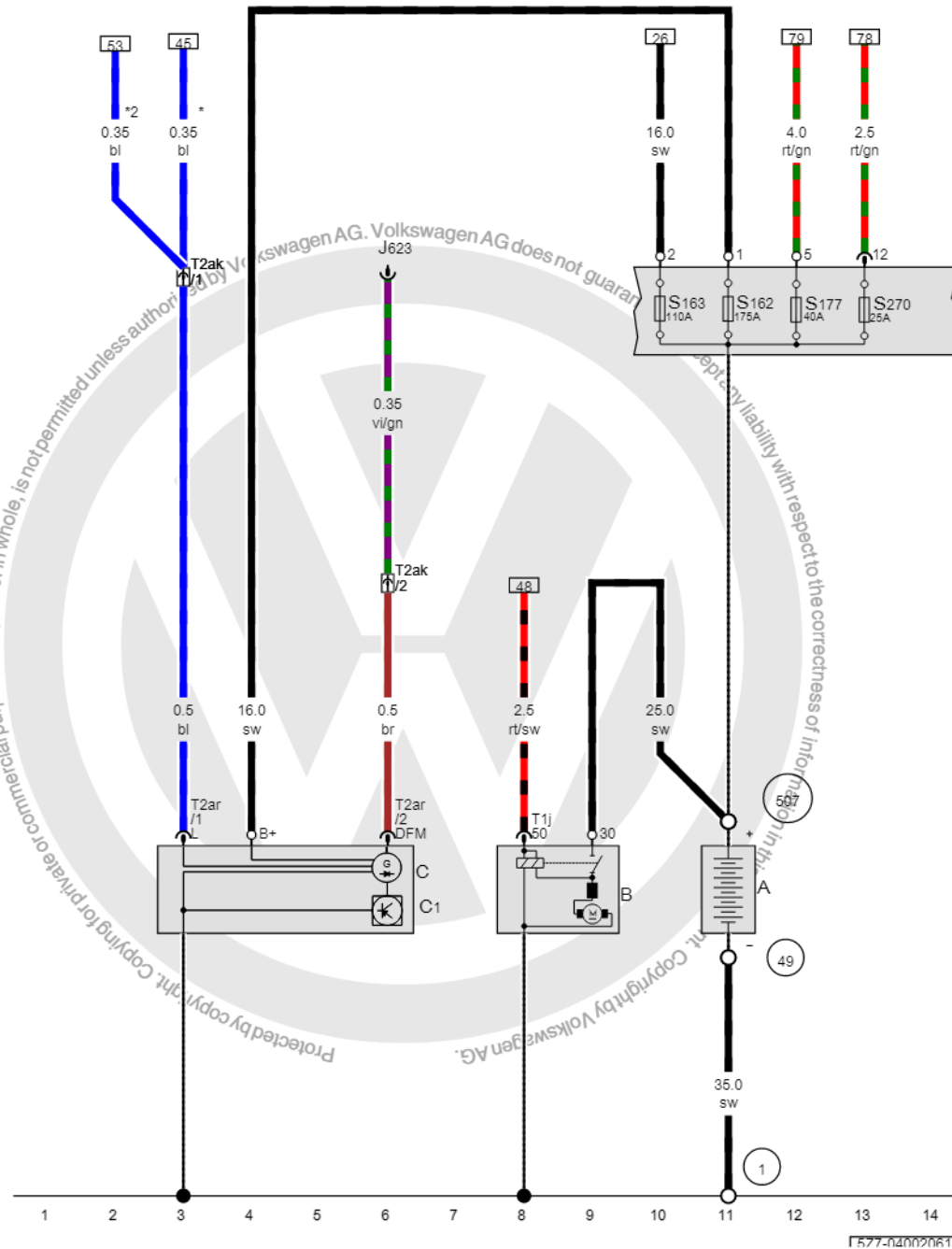


Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S270 Fuse 12 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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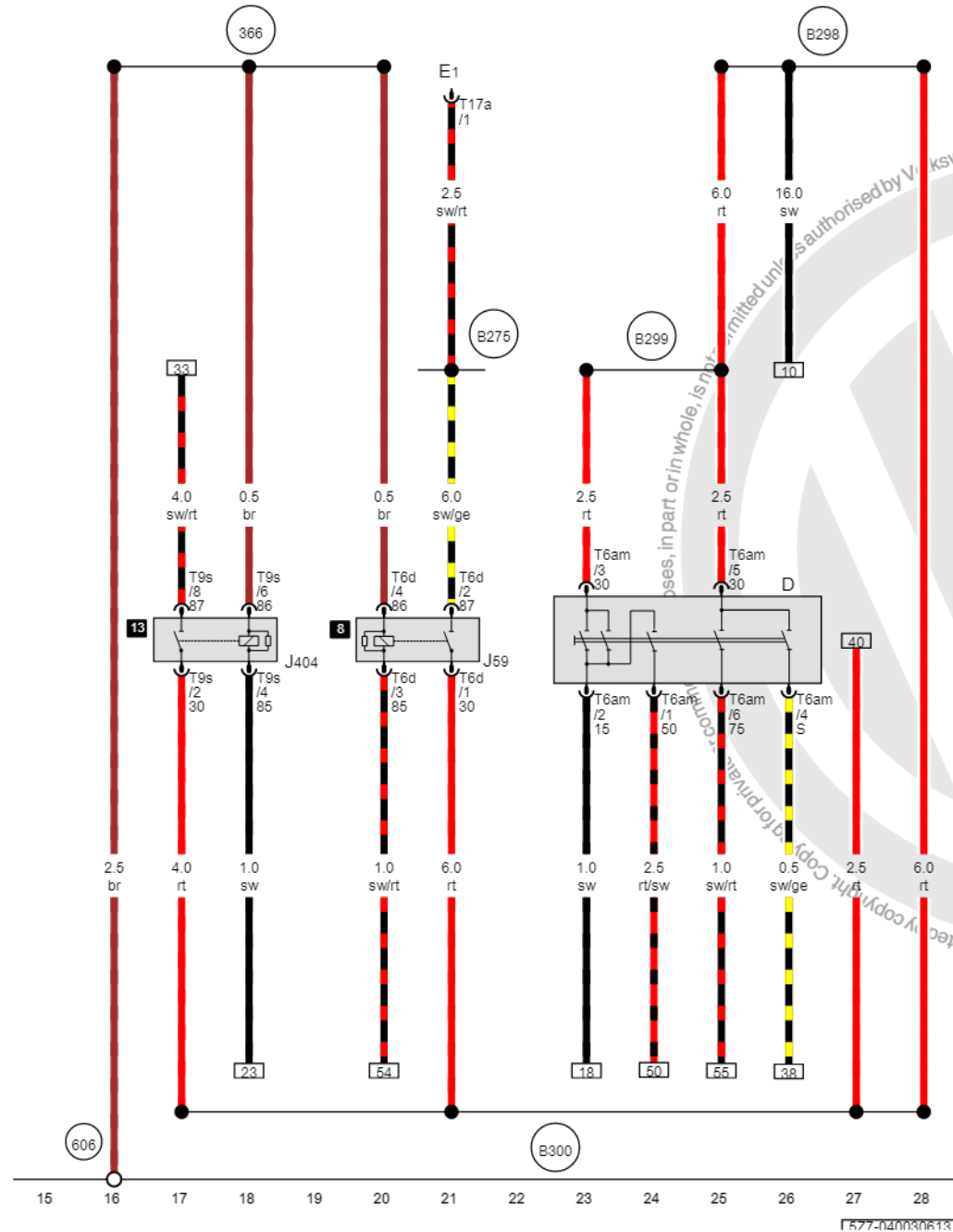


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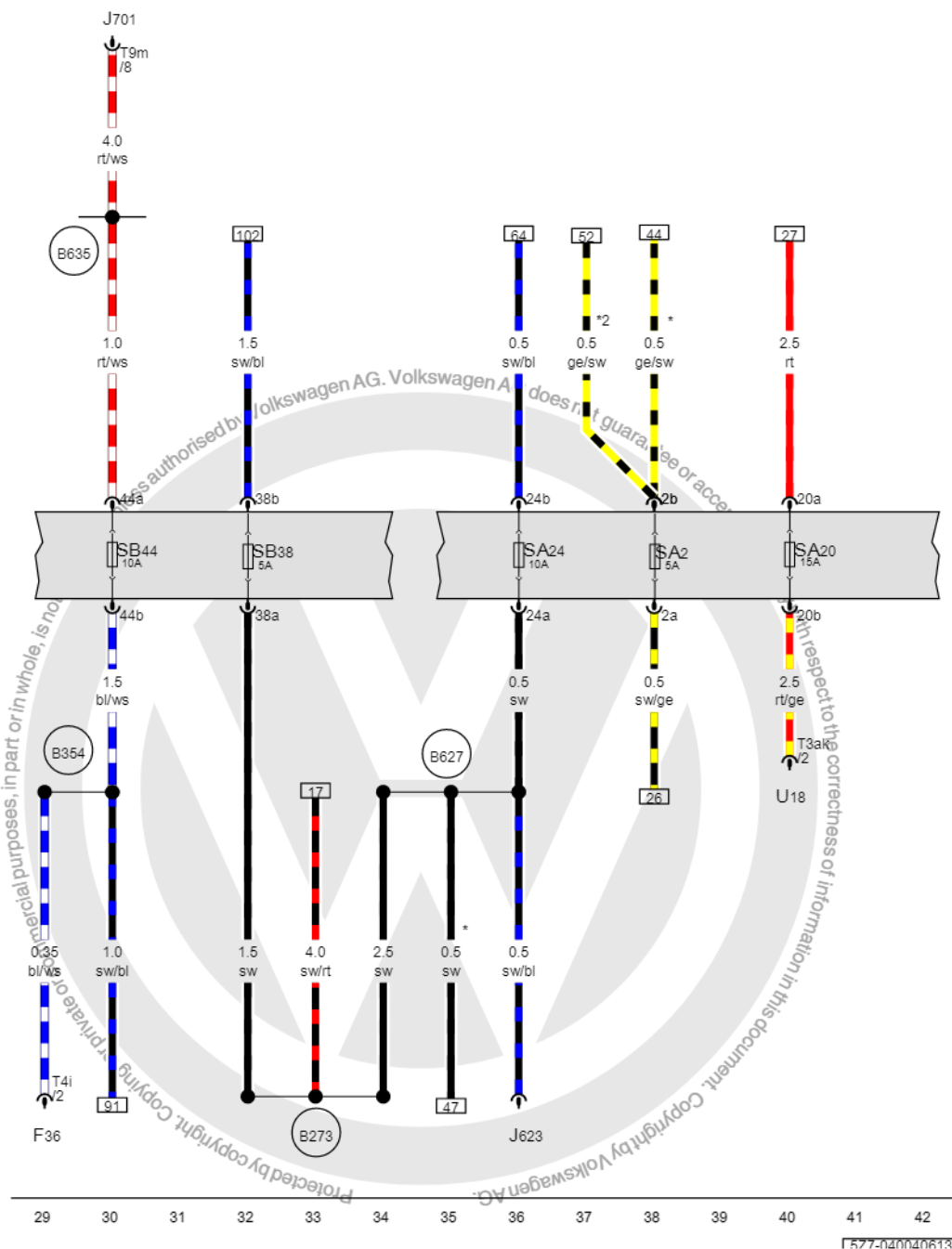
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



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Fuse 2 in fuse holder A, Fuse 20 in fuse holder A, Fuse 24 in fuse holder A, Fuse 38 on fuse holder B, Fuse 44 on fuse holder B

- |      |  |
|------|--|
| F36  | Clutch pedal switch                                |
| J623 | Engine control unit                                |
| J701 | Voltage supply relay 1                             |
| SA2  | Fuse 2 in fuse holder A                            |
| SA20 | Fuse 20 in fuse holder A                           |
| SA24 | Fuse 24 in fuse holder A                           |
| SB38 | Fuse 38 on fuse holder B                           |
| SB44 | Fuse 44 on fuse holder B                           |
| T3ak | 3-pin connector                                    |
| T4i  | 4-pin connector                                    |
| T9m  | 9-pin connector                                    |
| U18  | 12 V socket 2                                      |
| B273 | Positive connection (15), in main wiring harness   |
| B354 | Positive connection 5 (87a) in main wiring harness |
| B627 | Positive connection 3 (15), in main wiring harness |
| B635 | Positive connection 3 (87), in main wiring harness |
| *    | Only models with onboard supply control unit BFM   |
| *2   | Only models with onboard supply control unit BCM   |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

# Onboard supply control unit

J519 Onboard supply control unit

T73a 73-pin connector

T73b 73-pin connector

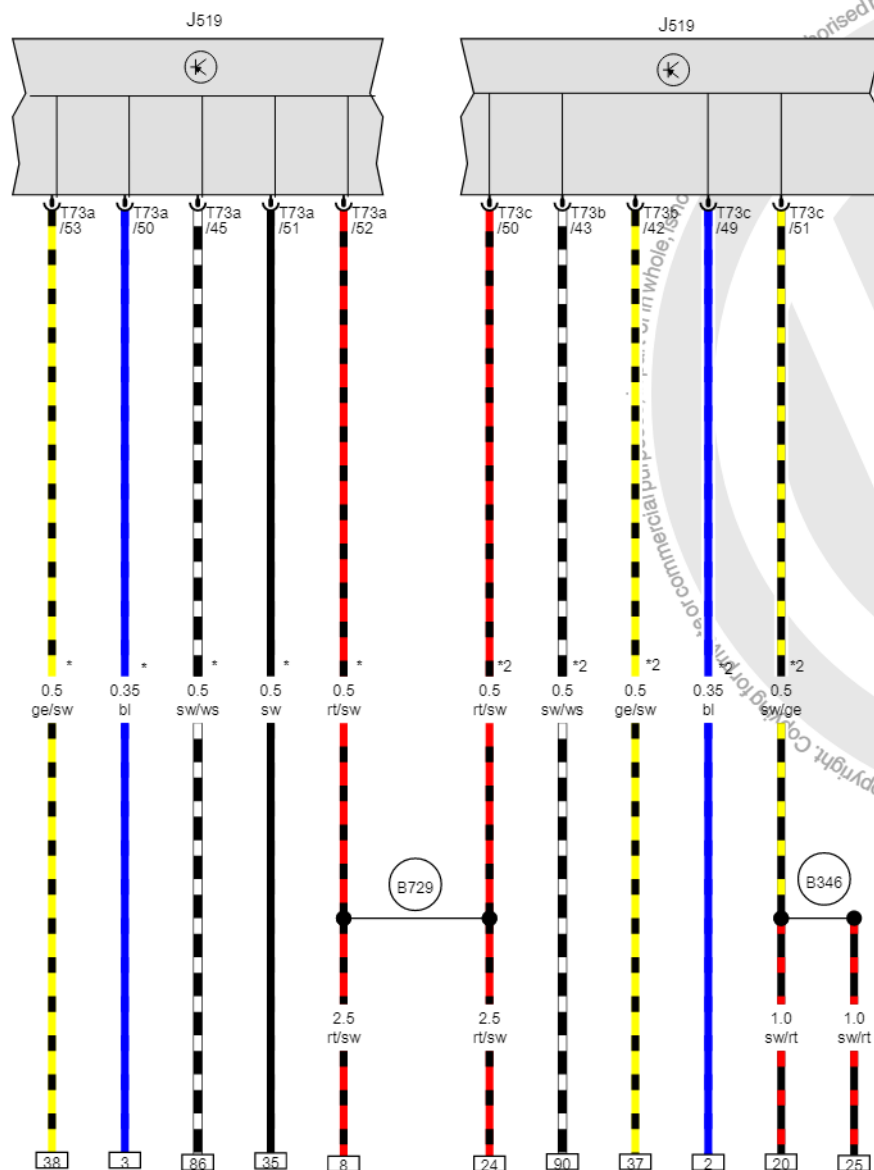
T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



1577-140050613

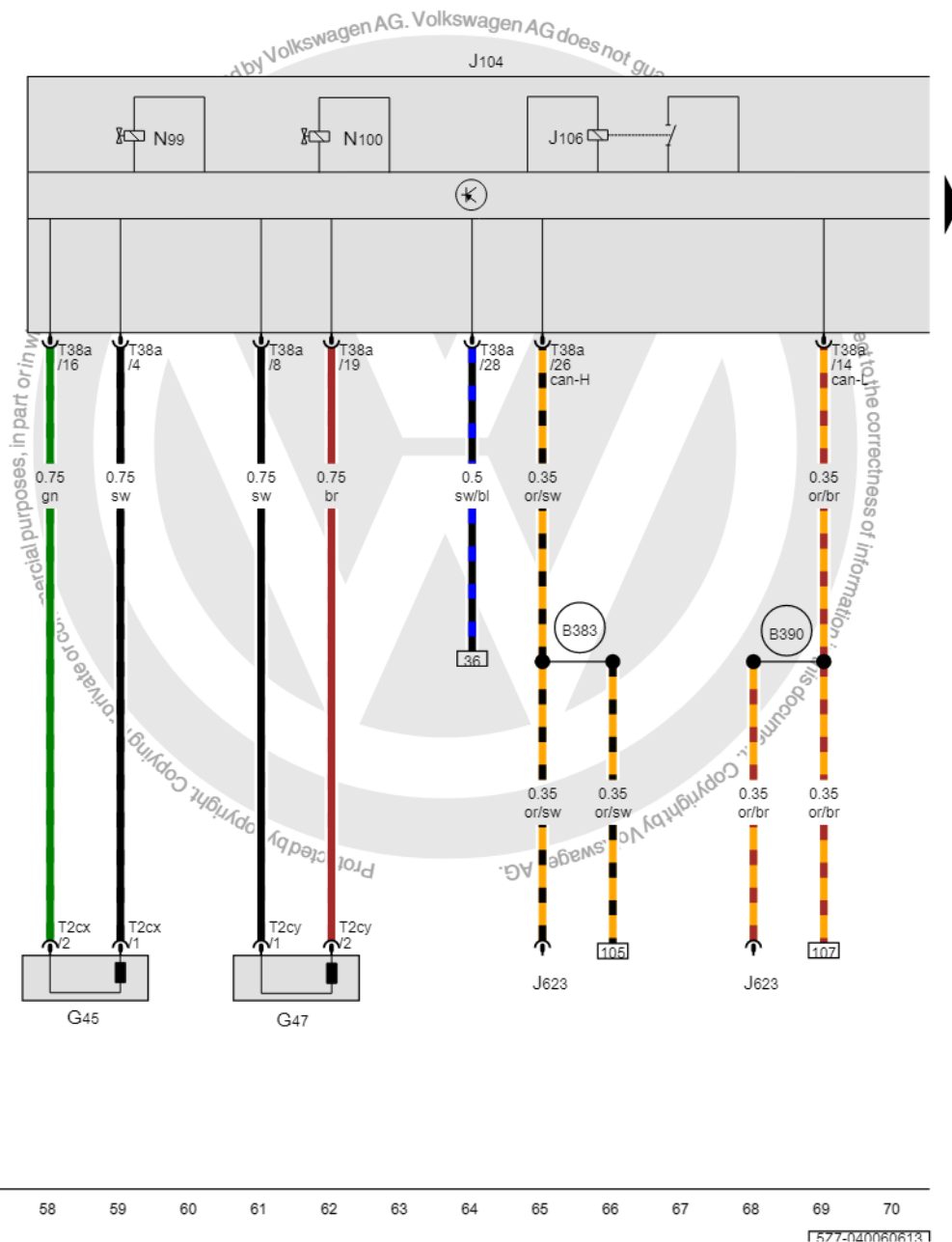


Front right speed sensor, Front left speed sensor, ABS control unit, ABS solenoid valve relay, Front right ABS inlet valve, Front right ABS outlet valve

- G45 Front right speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J623 Engine control unit
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2cx 2-pin connector
- T2cy 2-pin connector
- T38a 38-pin connector

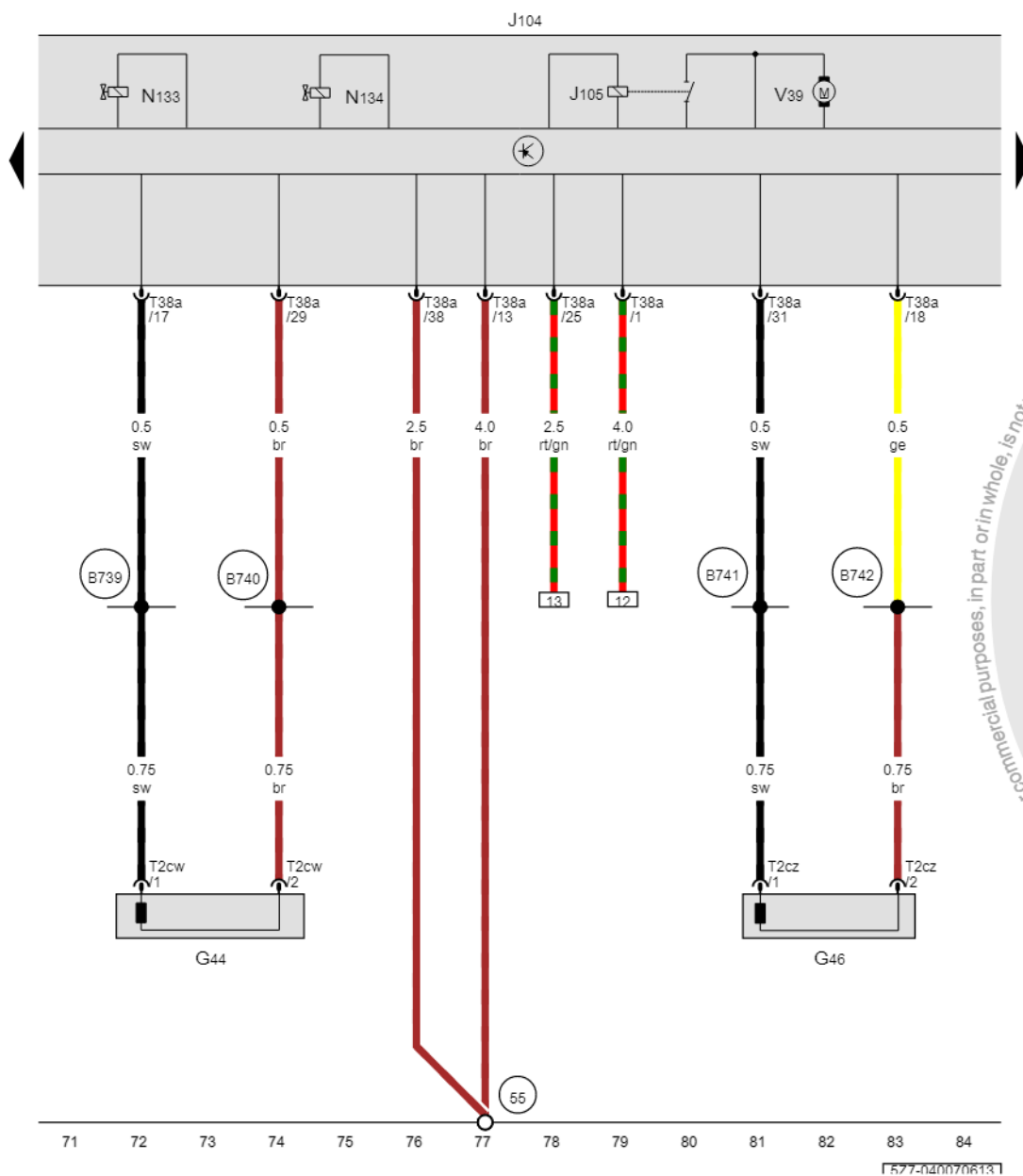
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rear right speed sensor, Rear left speed sensor, ABS control unit, ABS return flow pump relay, Rear right ABS inlet valve, Rear left ABS inlet valve, ABS return flow pump

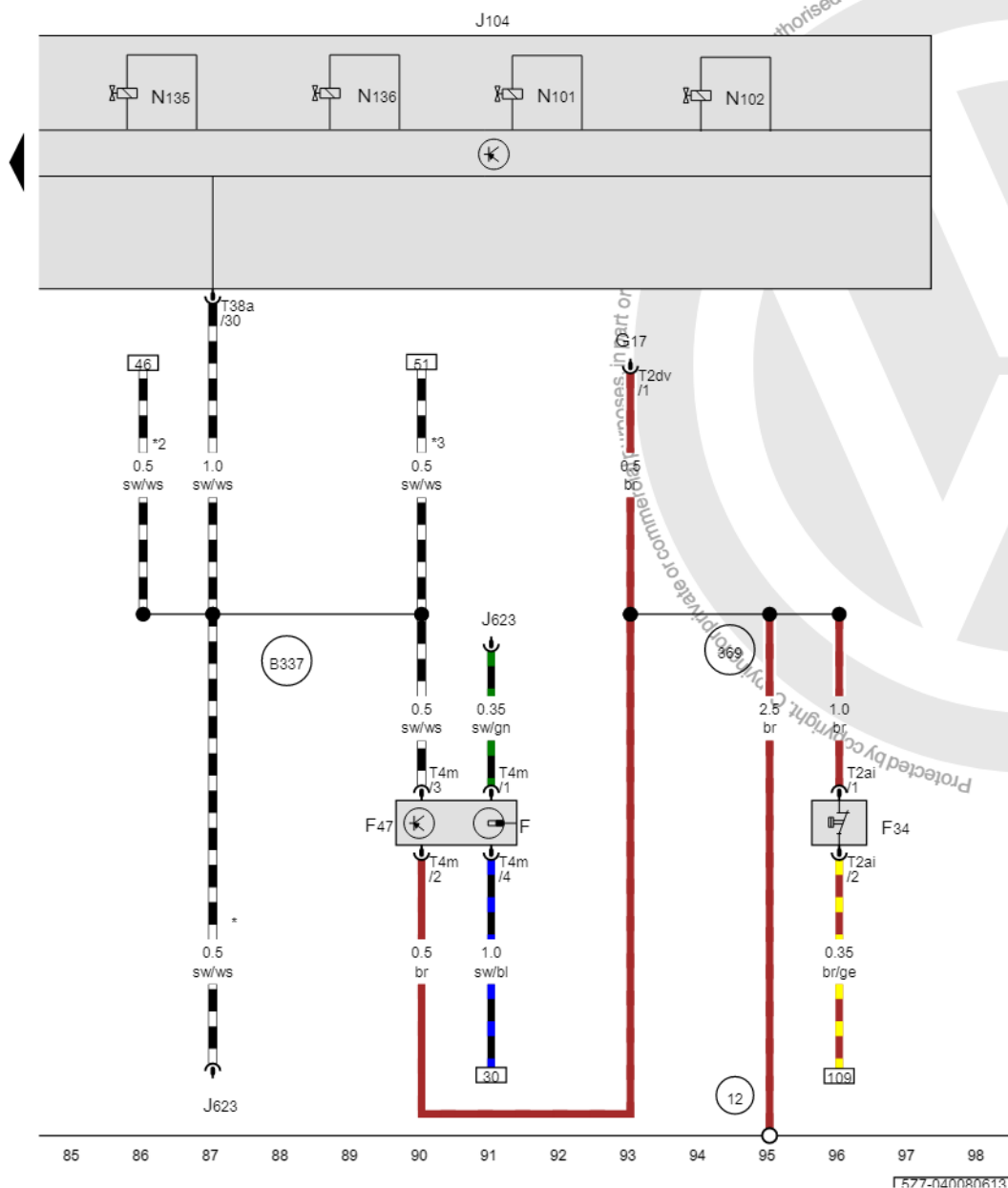


- G44 Rear right speed sensor
- G46 Rear left speed sensor
- J104 ABS control unit
- J105 ABS return flow pump relay
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T2cw 2-pin connector
- T2cz 2-pin connector
- T38a 38-pin connector
- V39 ABS return flow pump

- 55 Earth point, next to ABS control unit
- B739 Connection (rear right speed sensor +), in main wiring harness
- B740 Connection (rear right speed sensor -), in main wiring harness
- B741 Connection (rear left speed sensor +), in main wiring harness
- B742 Connection (rear left speed sensor -), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

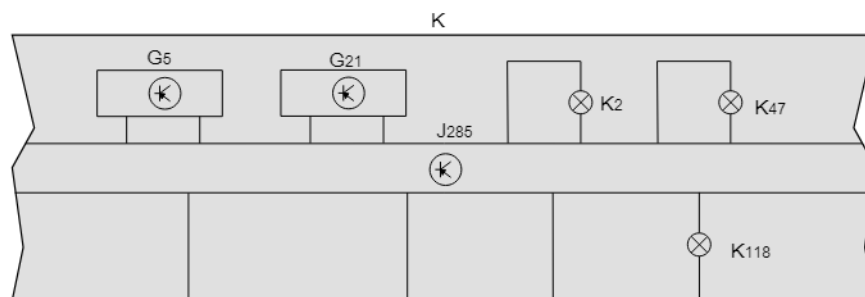
Brake light switch, Brake fluid level warning contact, Brake pedal switch, ABS control unit, Front left ABS inlet valve, Front left ABS outlet valve, Rear right ABS outlet valve, Rear left ABS outlet valve



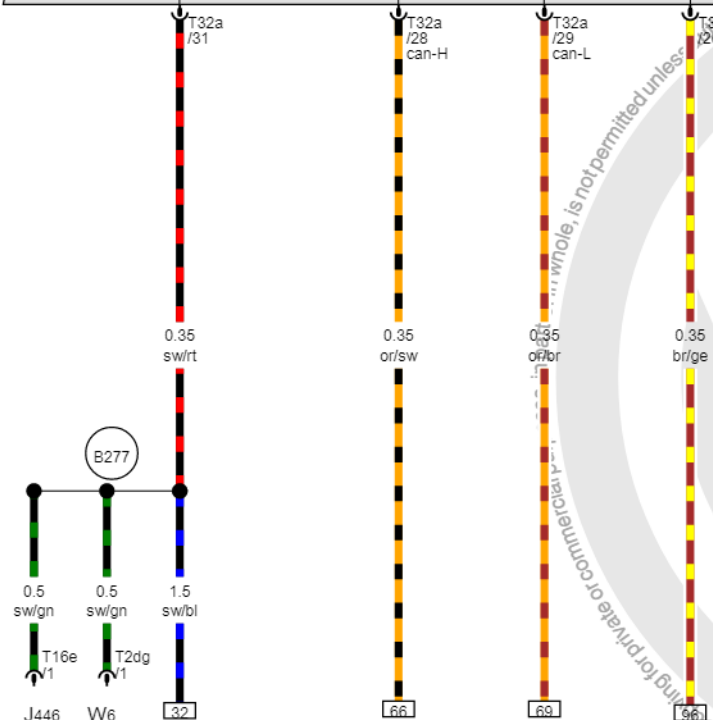
- F Brake light switch
- F34 Brake fluid level warning contact
- F47 Brake pedal switch
- G17 Ambient temperature sensor
- J104 ABS control unit
- J623 Engine control unit
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T2ai 2-pin connector
- T2dv 2-pin connector
- T4m 4-pin connector
- T38a 38-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- \* Only models with 1.6l engine
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, ABS warning lamp, Brake system warning lamp



- |      |  |
|------|--|
| G5   | Rev. counter                                       |
| G21  | Speedometer  |
| J285 | Control unit in dash panel insert                  |
| J446 | Parking aid control unit                           |
| K    | Dash panel insert                                  |
| K2   | Alternator warning lamp                            |
| K47  | ABS warning lamp                                   |
| K118 | Brake system warning lamp                          |
| T2dg | 2-pin connector                                    |
| T16e | 16-pin connector                                   |
| T32a | 32-pin connector                                   |
| W6   | Glove compartment light                            |
| B277 | Positive connection 1 (15a) in main wiring harness |



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

## Fog light and rear fog light

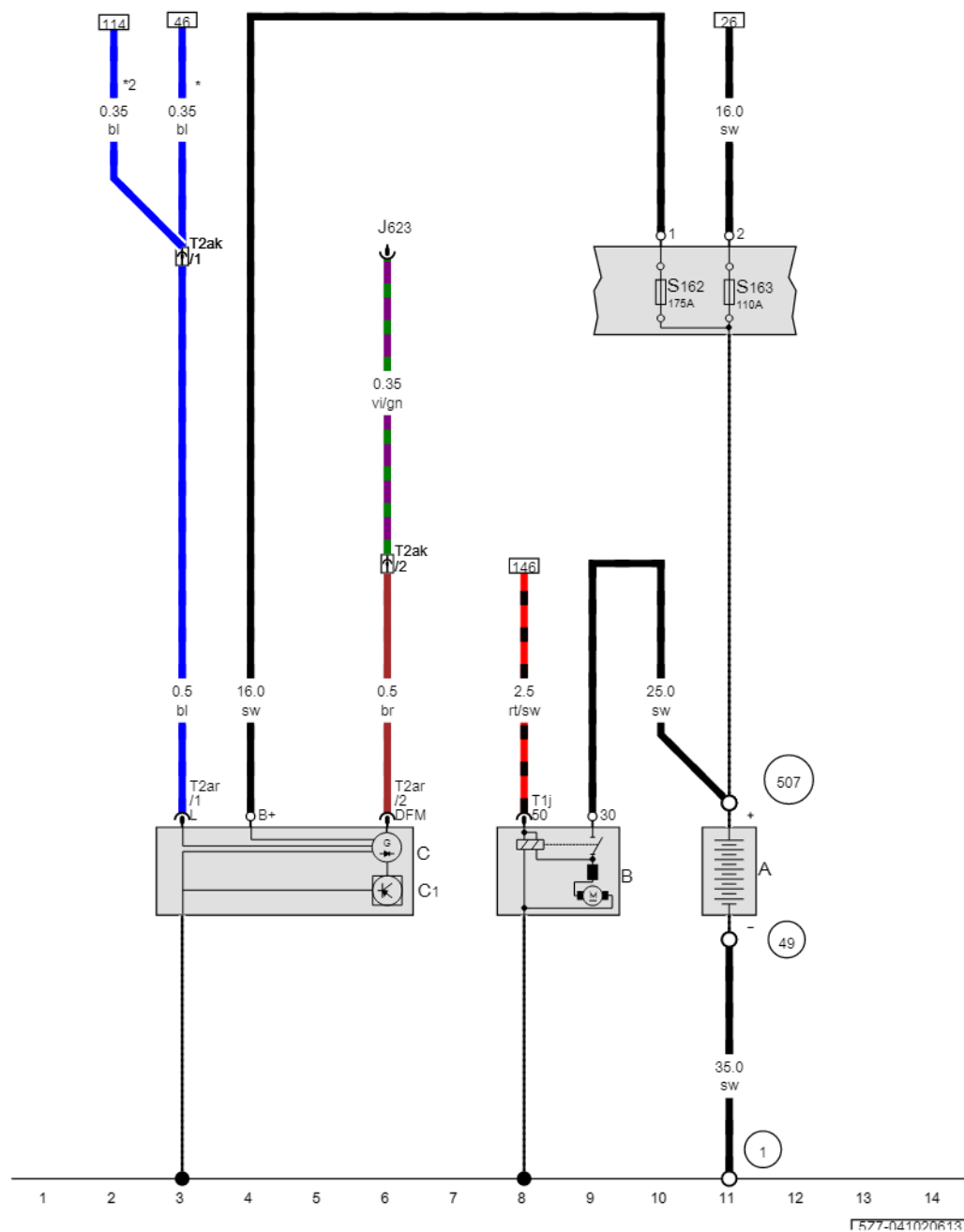
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

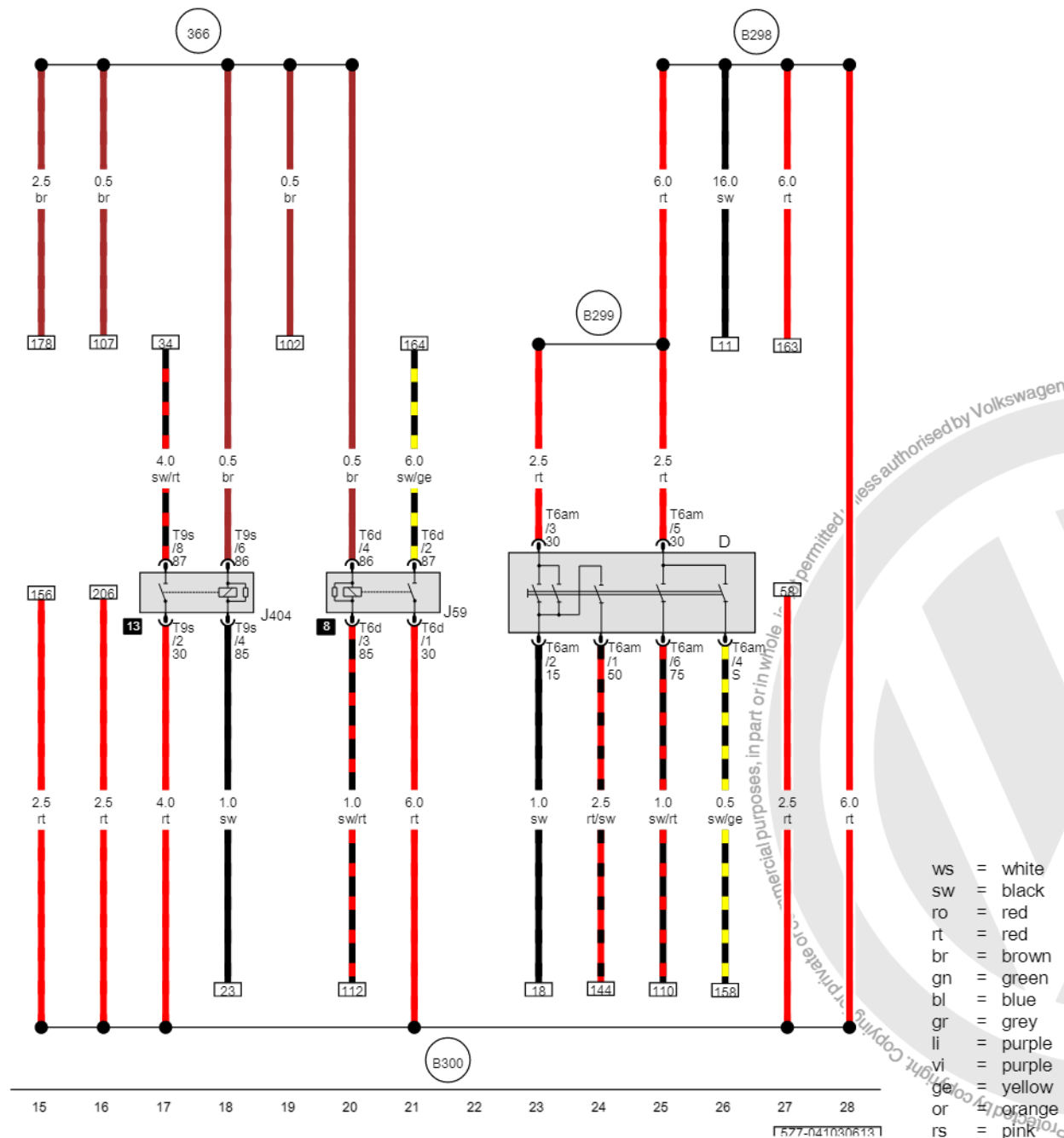


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



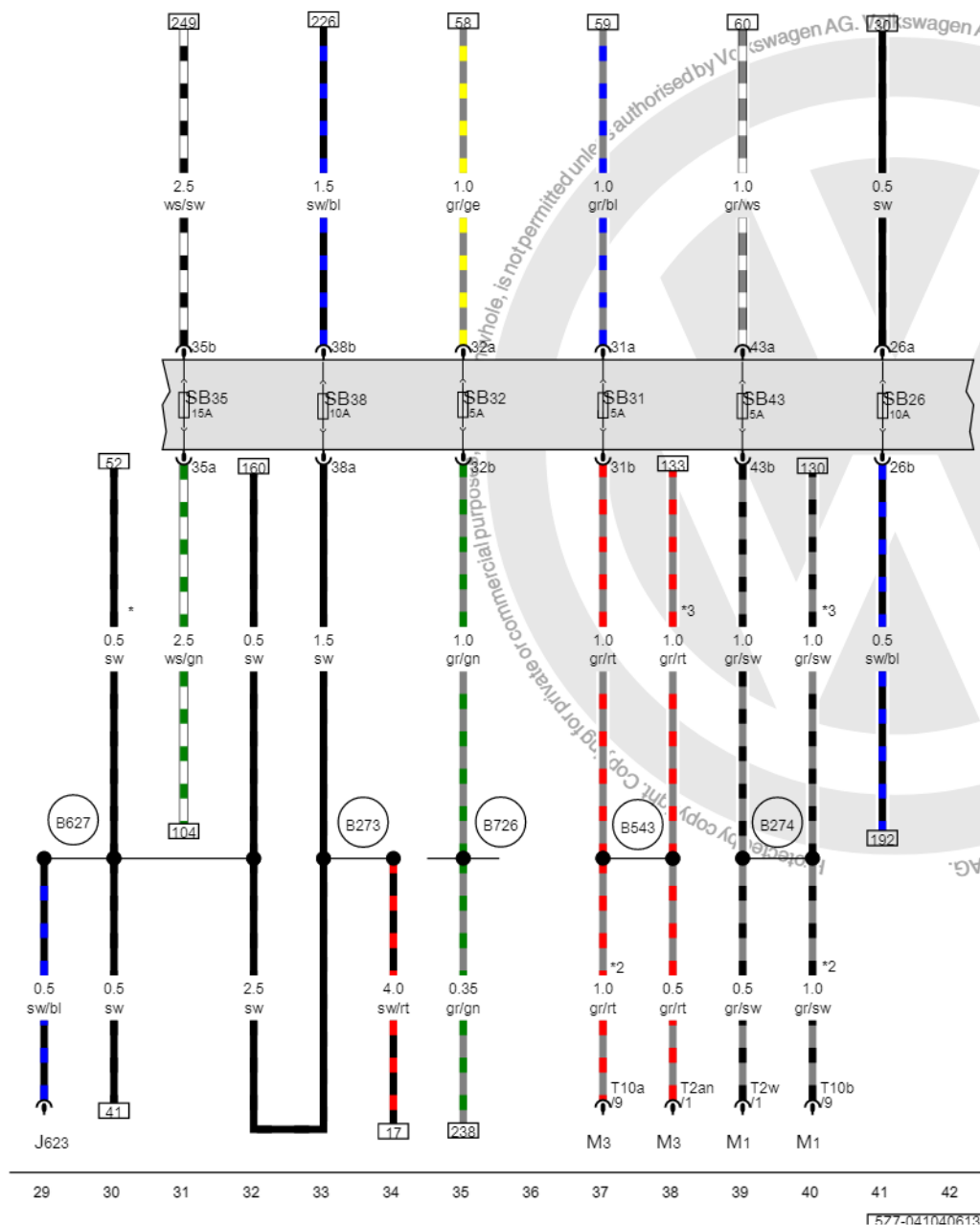
Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 38 on fuse holder B, Fuse 43 on fuse holder B

- J623 Engine control unit
- M1 Left side light bulb
- M3 Right side light bulb
- SB26 Fuse 26 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- T2an 2-pin connector
- T2w 2-pin connector
- T10a 10-pin connector
- T10b 10-pin connector

- B273 Positive connection (15), in main wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with dual headlights
- \*3 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



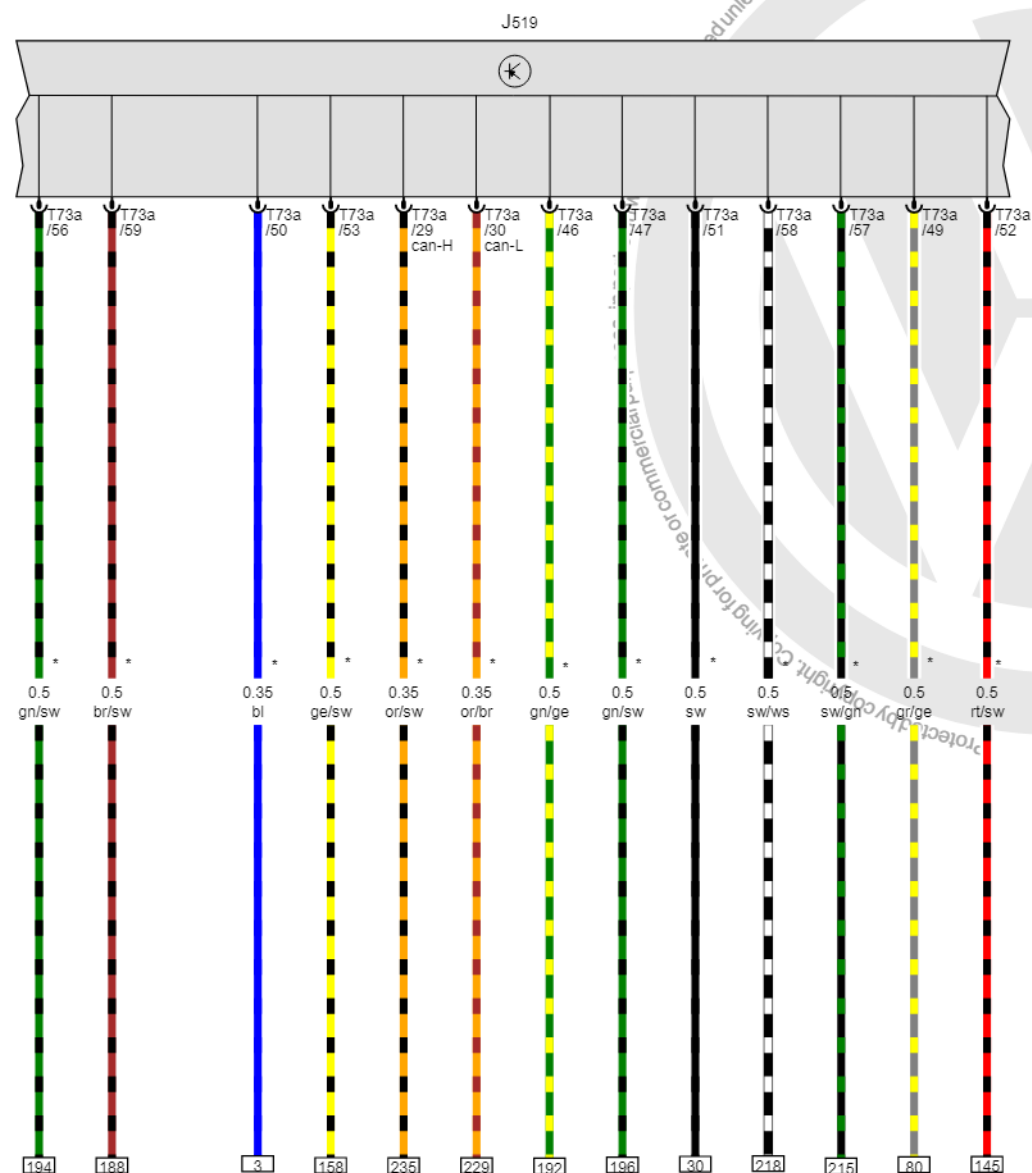


# Onboard supply control unit

J519 Onboard supply control unit

T73a 73-pin connector

\* Only models with onboard supply control unit BFM

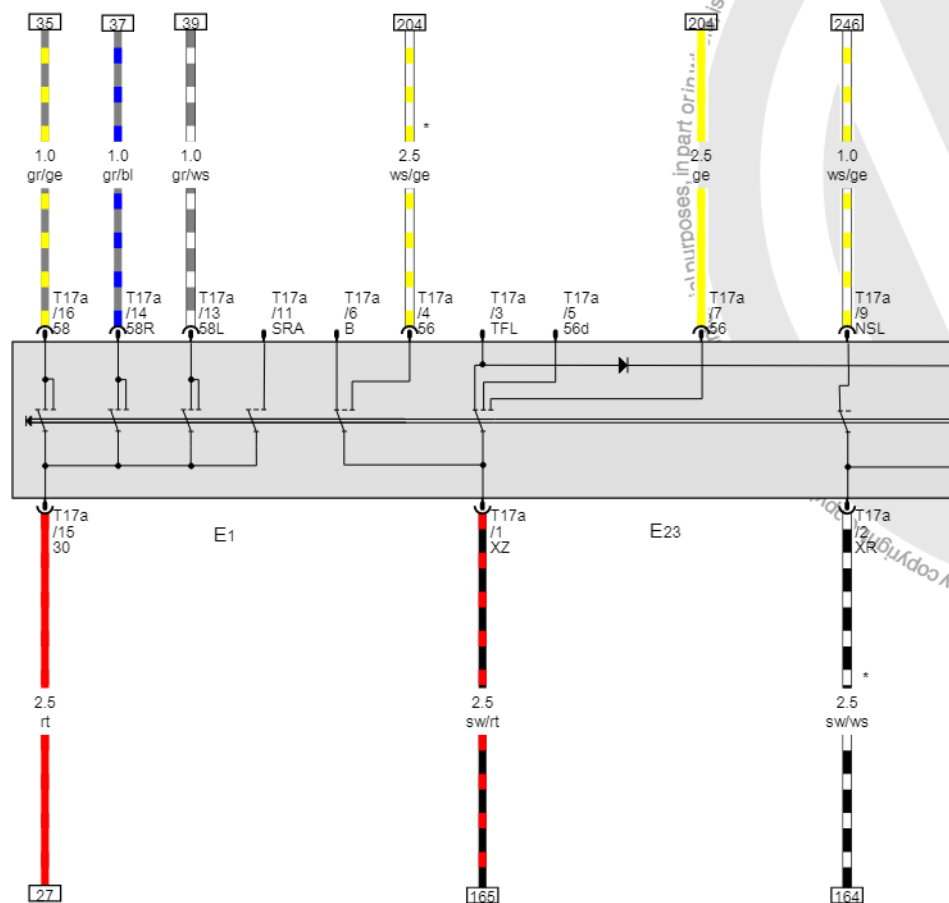


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

1577-041050613

Light switch, Front and rear fog light switch

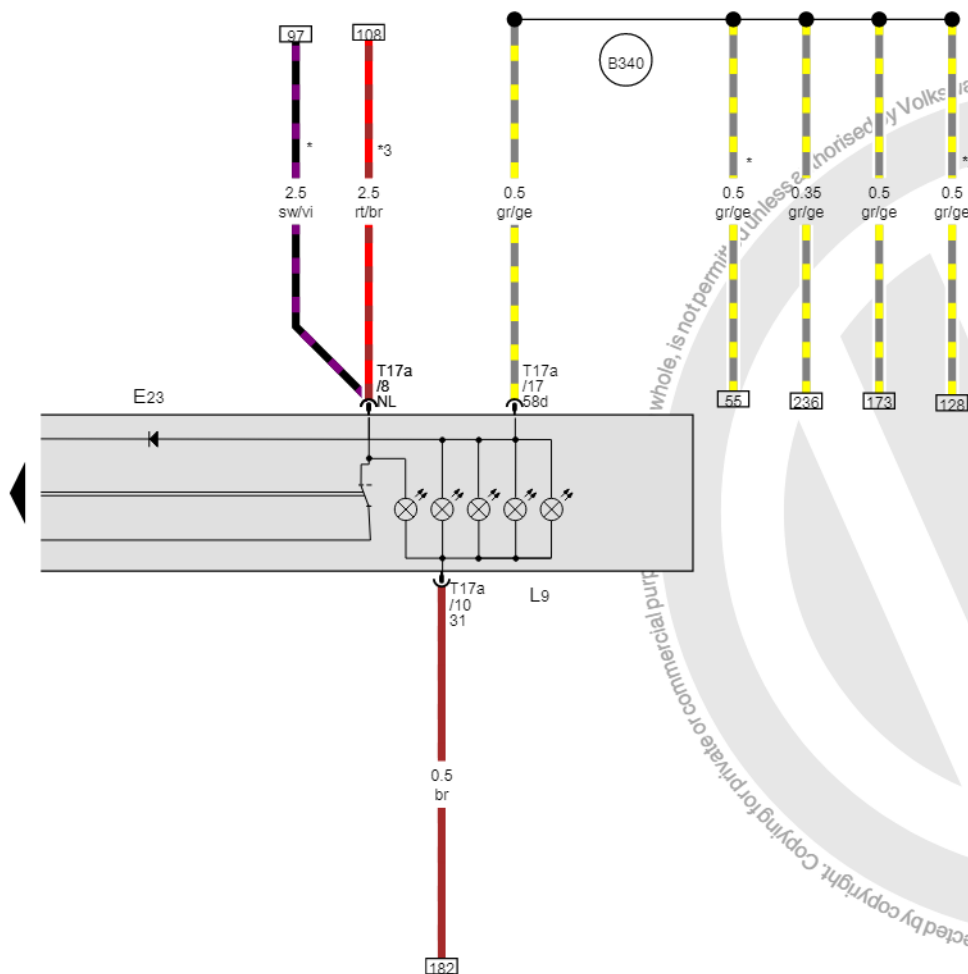
- E1 Light switch  
E23 Front and rear fog light switch  
T17a 17-pin connector  
\* Only models with onboard supply control unit BFM



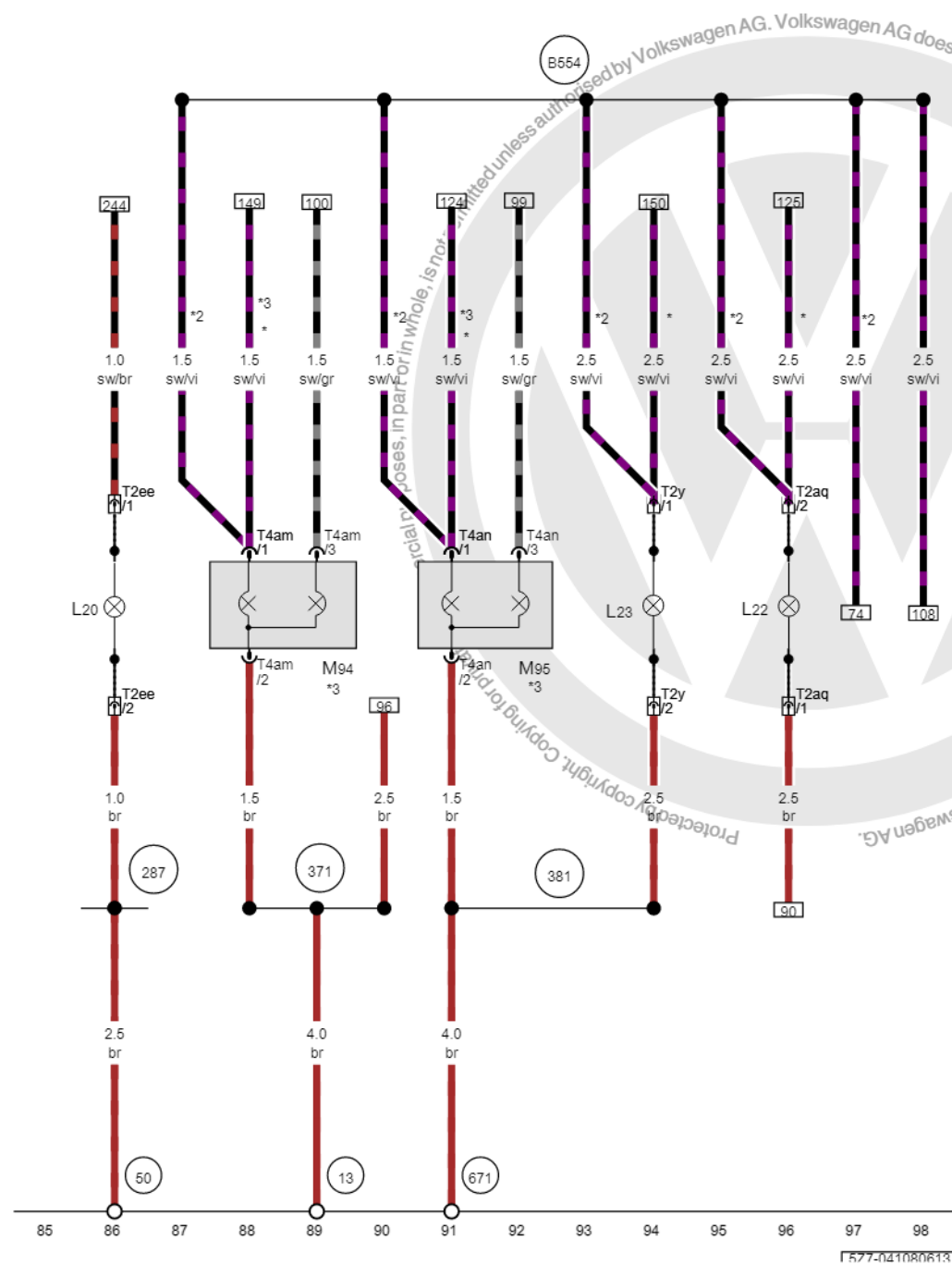
- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Front and rear fog light switch, Light switch illumination bulb

- E23 Front and rear fog light switch  
 L9 Light switch illumination bulb  
 T17a 17-pin connector  
 B340 Connection 1 (58d), in main wiring harness  
 \* Only models with onboard supply control unit BFM  
 \*2 Only models with onboard supply control unit BCM  
 \*3 Only CROSS models



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Rear fog light bulb, Left fog light bulb, Right fog light bulb,  
Left main beam headlight and fog light bulb, Right main  
beam headlight and fog light bulb

- |      |  |
|------|--|
| L20  | Rear fog light bulb                          |
| L22  | Left fog light bulb                          |
| L23  | Right fog light bulb                         |
| M94  | Left main beam headlight and fog light bulb  |
| M95  | Right main beam headlight and fog light bulb |
| T2aq | 2-pin connector                              |
| T2ee | 2-pin connector                              |
| T2y  | 2-pin connector                              |
| T4am | 4-pin connector                              |
| T4an | 4-pin connector                              |

- |      |   |
|------|---|
| 13   | Earth point, on right in engine compartment         |
| 50   | Earth point, on left in luggage compartment         |
| 287  | Earth connection, in rear lid feeder wiring harness |
| 371  | Earth connection 6, in main wiring harness          |
| 381  | Earth connection 16, in main wiring harness         |
| 671  | Earth point 1, on front of left longitudinal member |
| B554 | Connection (fog light), in main wiring harness      |
| *    | Only models with onboard supply control unit BCM    |
| *2   | Only models with onboard supply control unit BFM    |
| *3   | Only CROSS models                                   |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Fog light relay, Onboard supply control unit, Headlight main beam relay 2

- J5 Fog light relay
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T10j 10-pin connector
- T10i 10-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

B338 Connection 1 (56), in main wiring harness

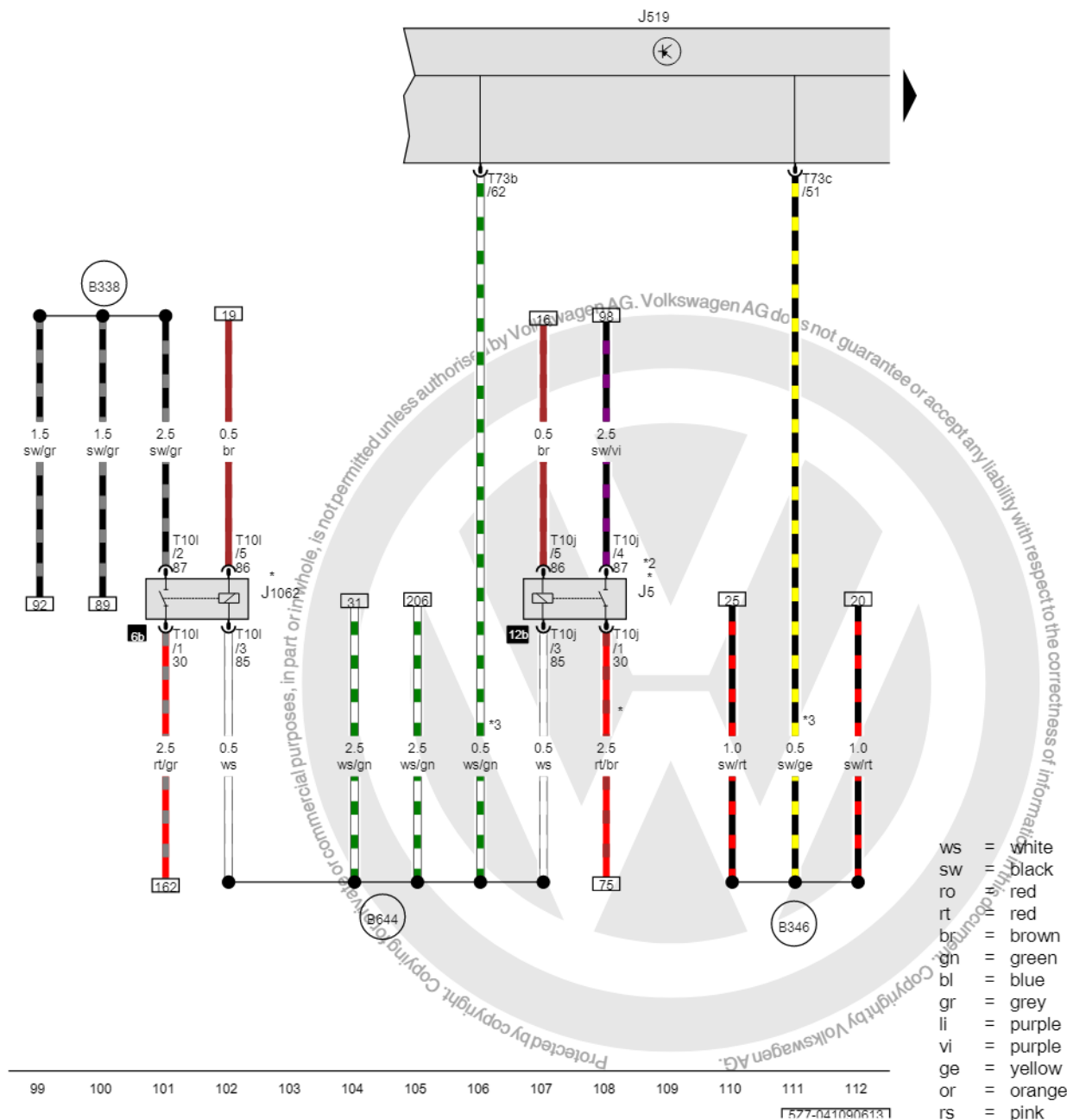
B346 Connection 1 (75), in main wiring harness

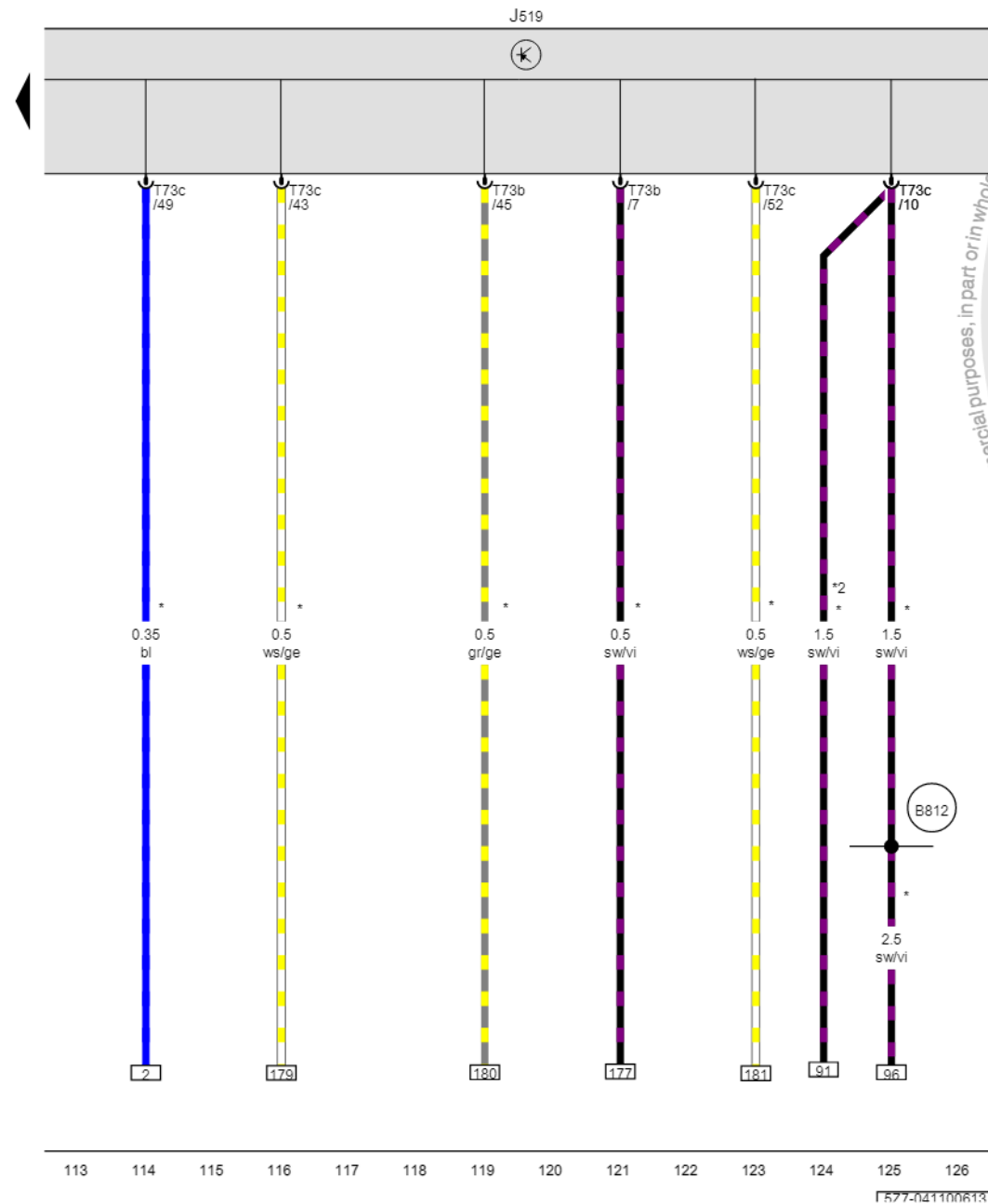
B644 Connection 3 (56a), in main wiring harness

\* Only CROSS models

\*2 Only models with onboard supply control unit BFM

\*3 Only models with onboard supply control unit BCM





# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

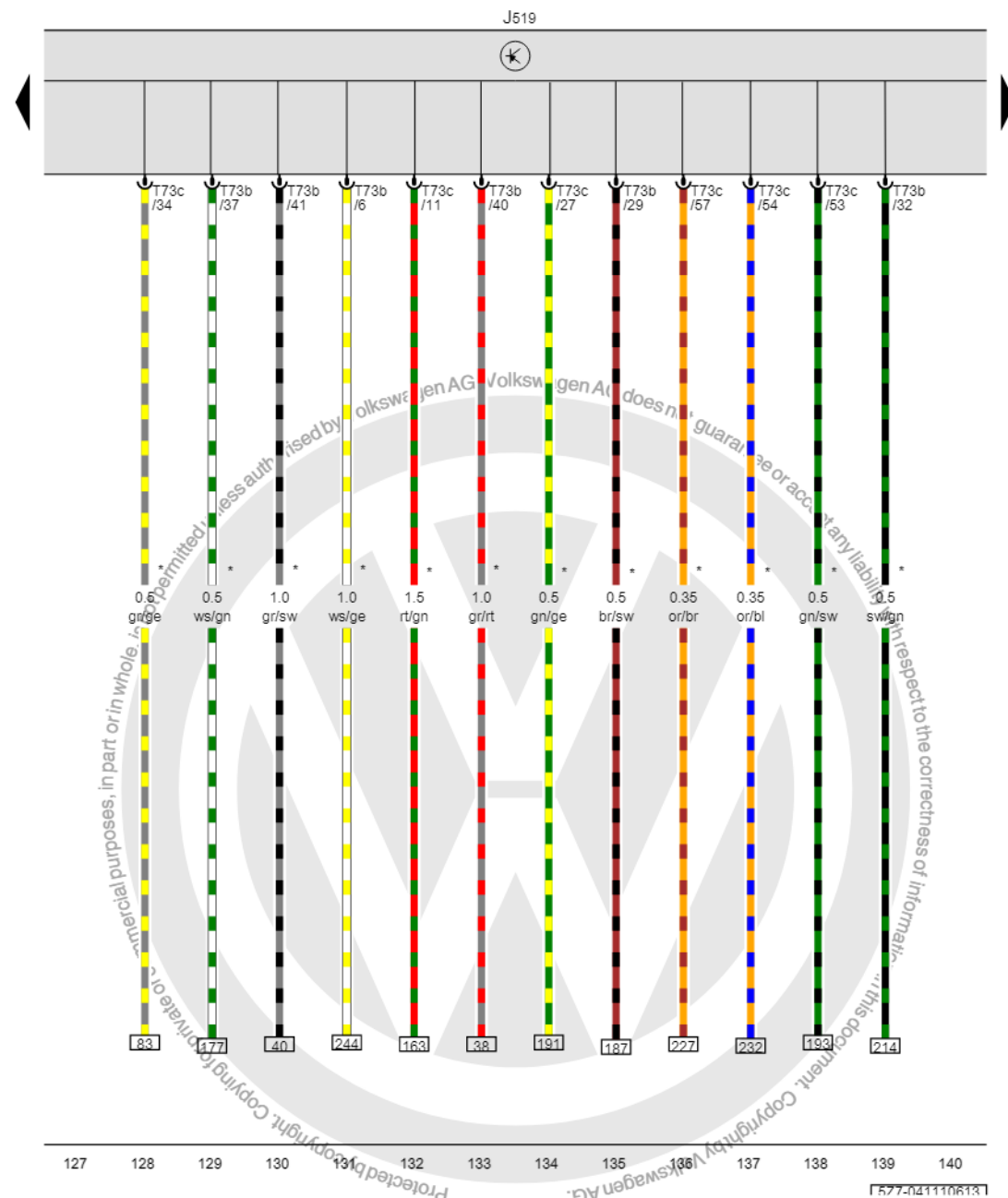
B812 Connection 2 (fog light), in main wiring harness

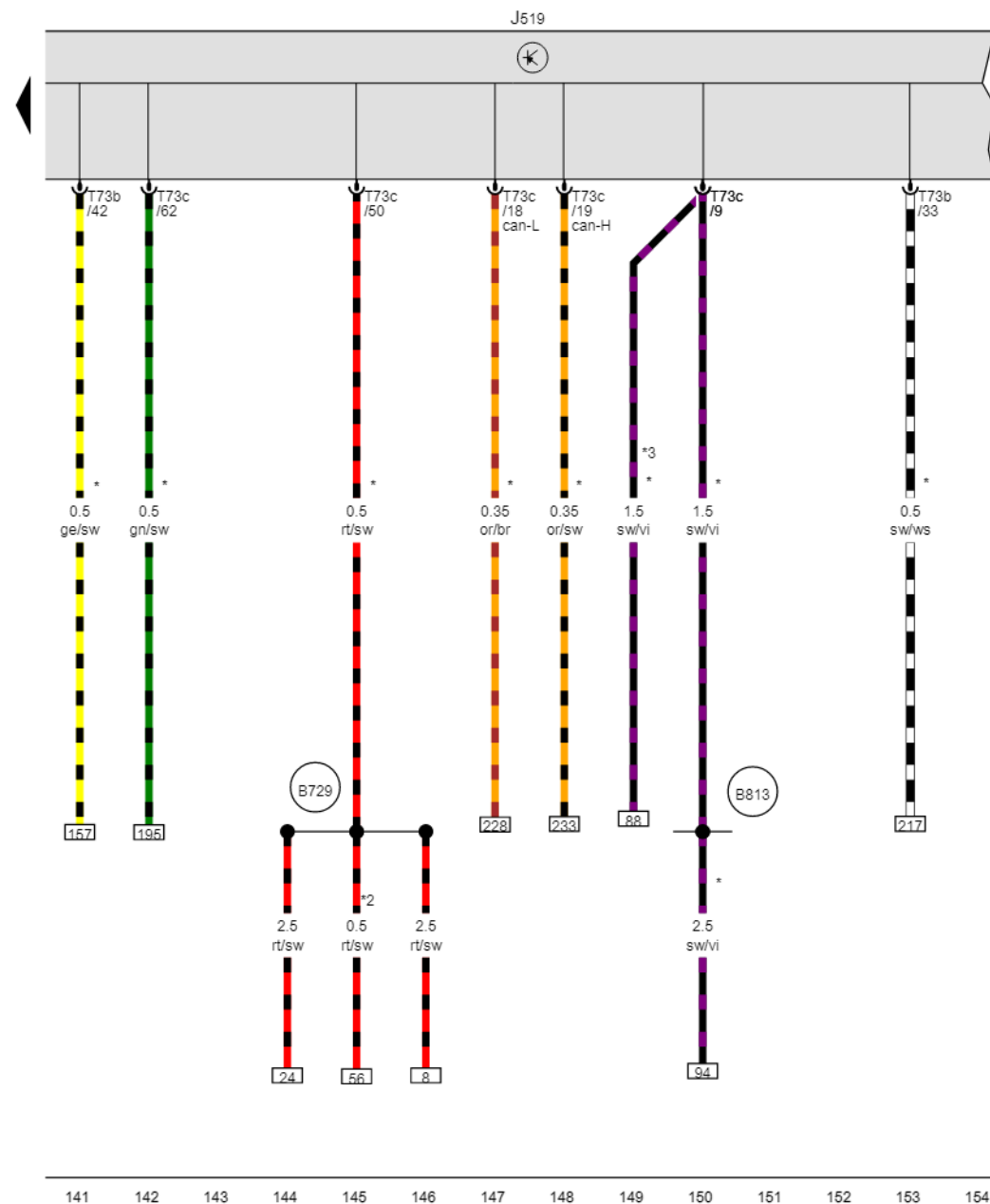
\* Only models with onboard supply control unit BCM

\*2 Only CROSS models

# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM





# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

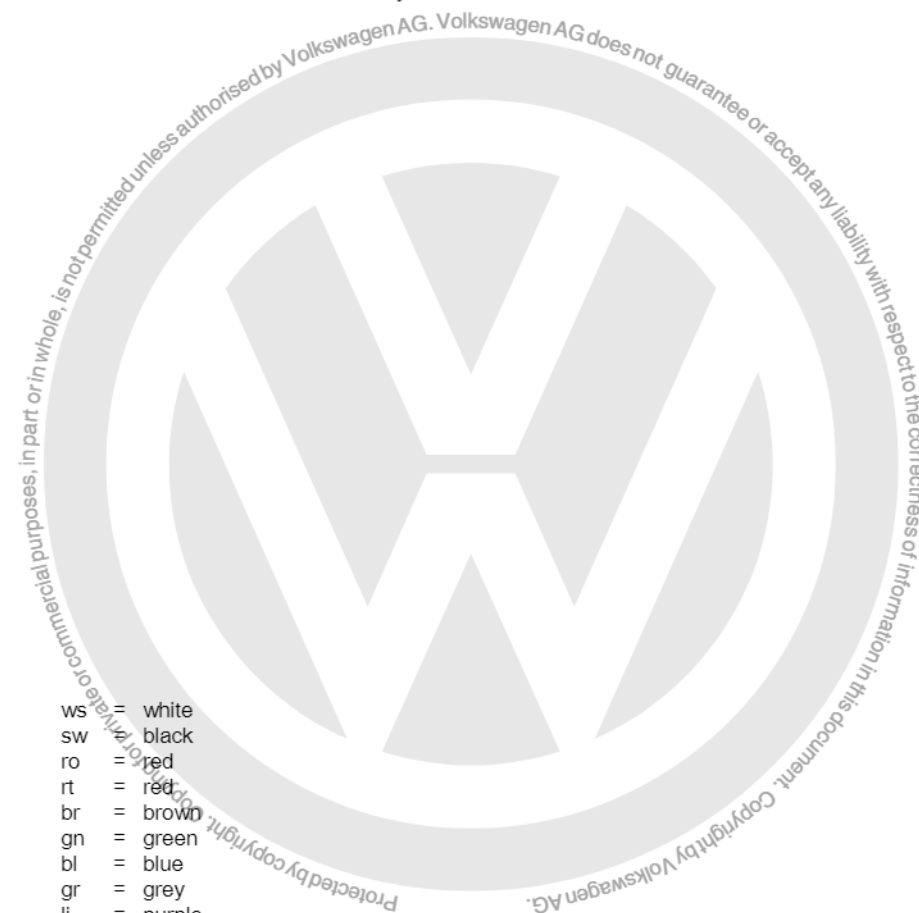
B729 Connection 1 (50), in main wiring harness

B813 Connection 3 (fog light), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

\*3 Only CROSS models



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

1577-041120613



Fuse 1 in fuse holder A, Fuse 2 in fuse holder A, Fuse 3 in fuse holder A, Fuse 11 in fuse holder A, Fuse 17 in fuse holder A, Fuse 21 in fuse holder A

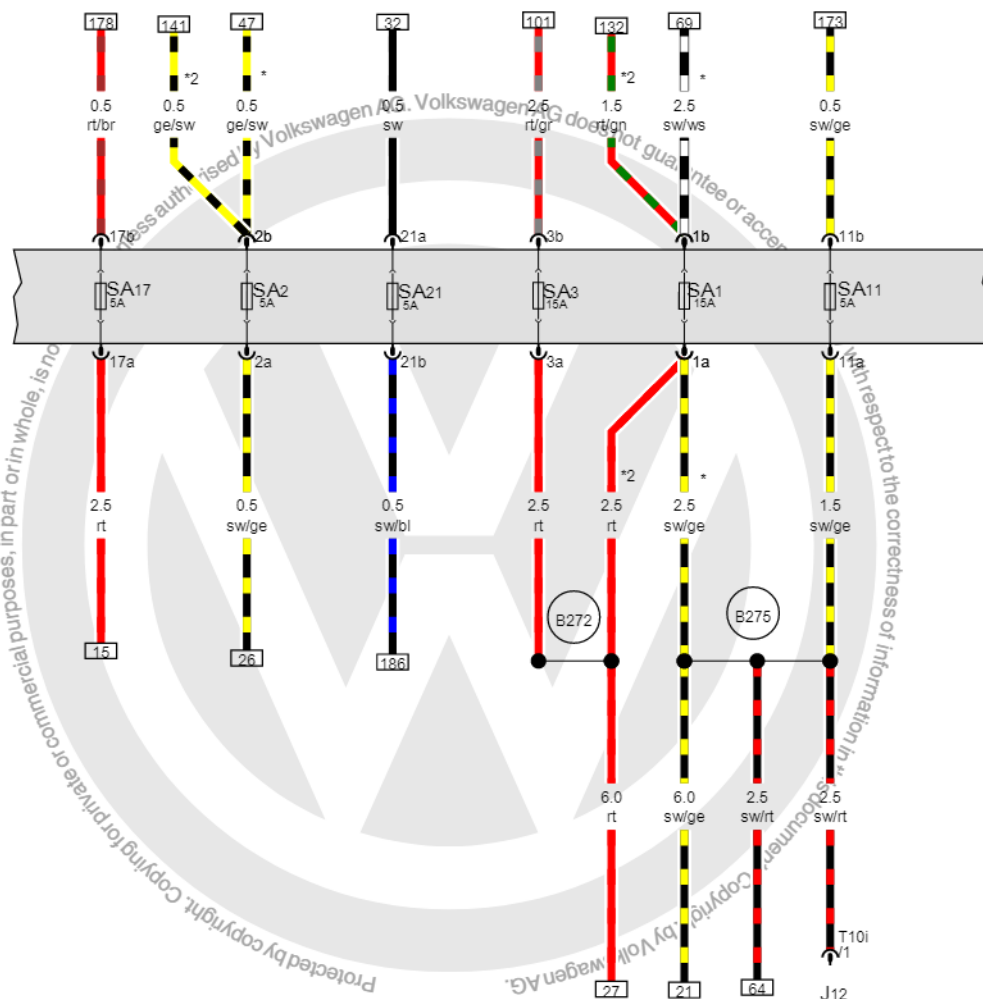
J12 Headlight main beam relay  
SA1 Fuse 1 in fuse holder A  
SA2 Fuse 2 in fuse holder A  
SA3 Fuse 3 in fuse holder A  
SA11 Fuse 11 in fuse holder A  
SA17 Fuse 17 in fuse holder A  
SA21 Fuse 21 in fuse holder A  
T10i 10-pin connector

B272 Positive connection (30), in main wiring harness

B275 Positive connection (87), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Light switch, Front and rear fog light switch, Light switch illumination bulb

- E1 Light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T10k 10-pin connector

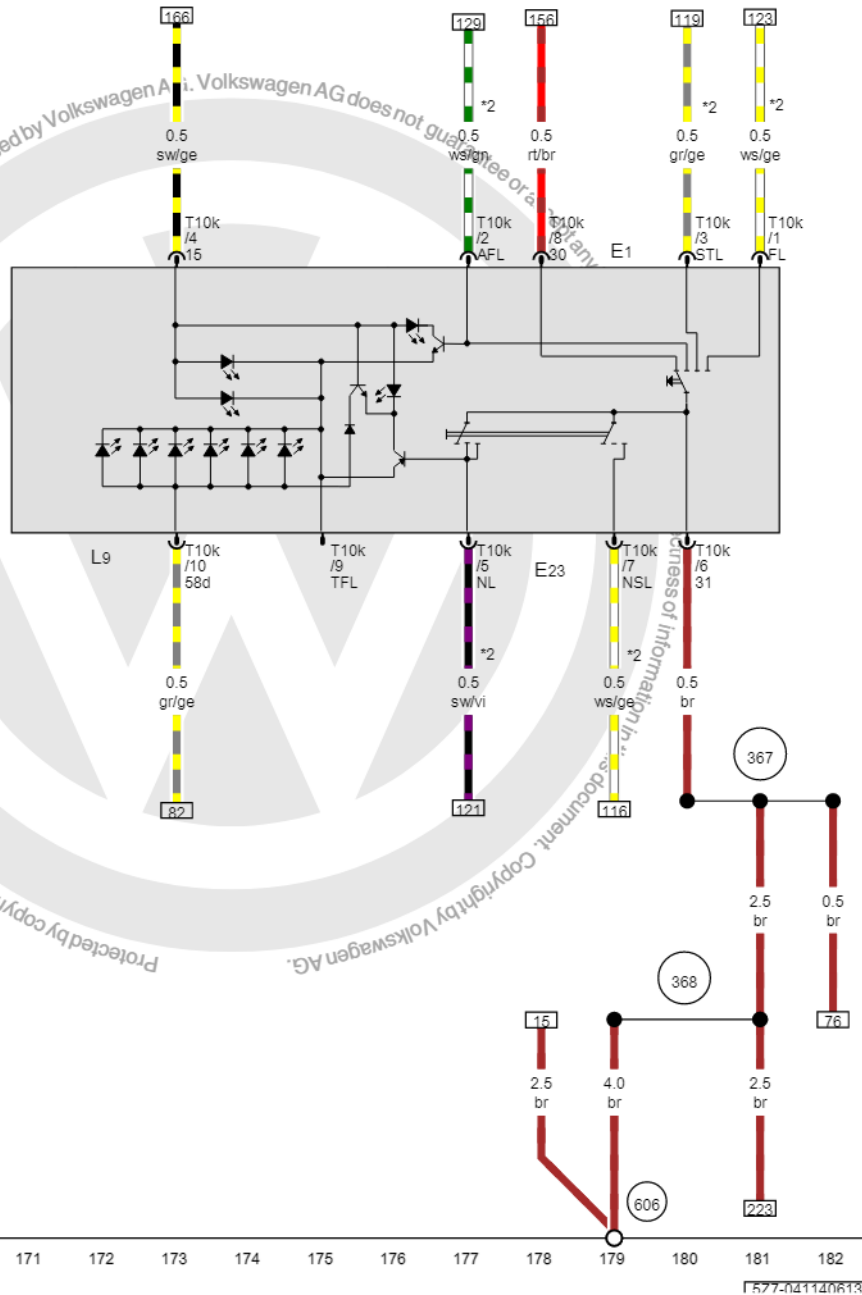
367 Earth connection 2, in main wiring harness

368 Earth connection 3, in main wiring harness

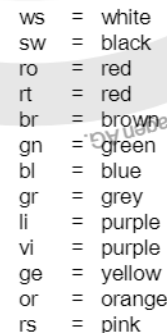
606 Earth point, under the centre console near gear stick

\* Only models with Coming Home function

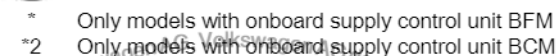
\*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



\*2 Only models with onboard supply control unit BCM



\* Only models with onboard supply control unit BFM  
 \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 si = silver

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# Headlight dipper and flasher switch

E4 Headlight dipper and flasher switch  
T16a 16-pin connector  
T41a 41-pin connector

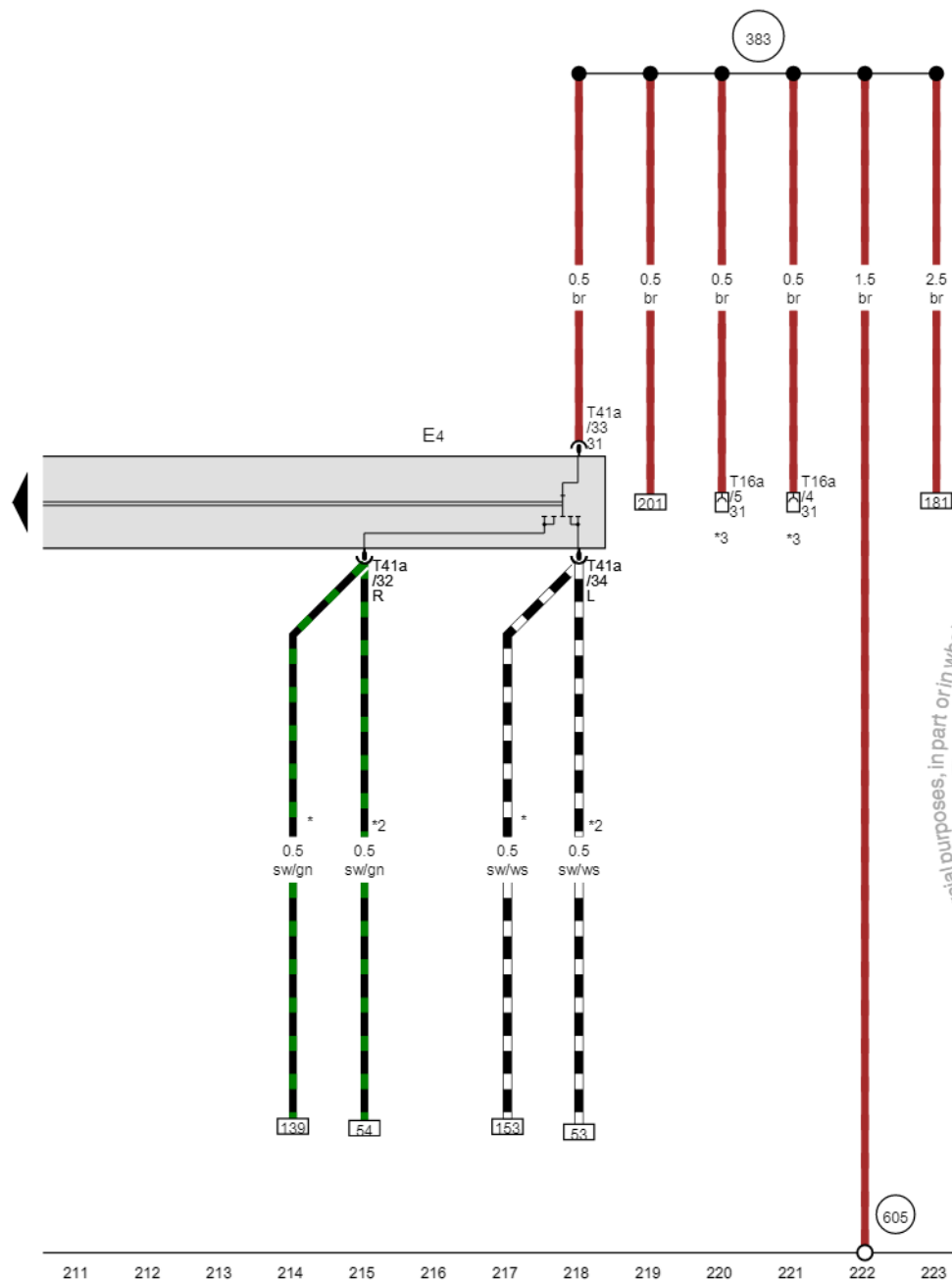
383 Earth connection 18, in main wiring harness

605 Earth point, on top end of steering column

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

\*3 Diagnostic connection

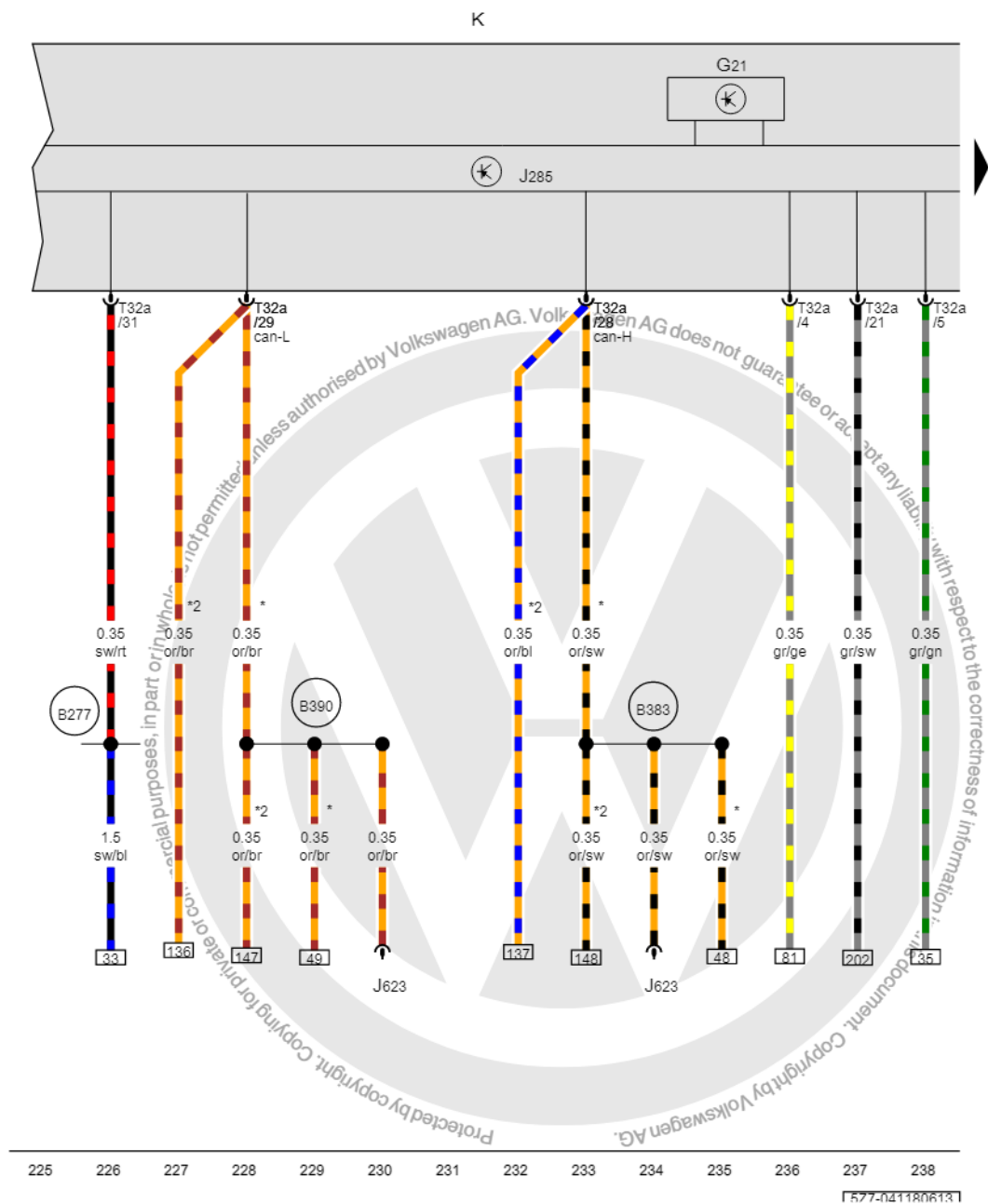


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Speedometer, Control unit in dash panel insert, Dash panel insert

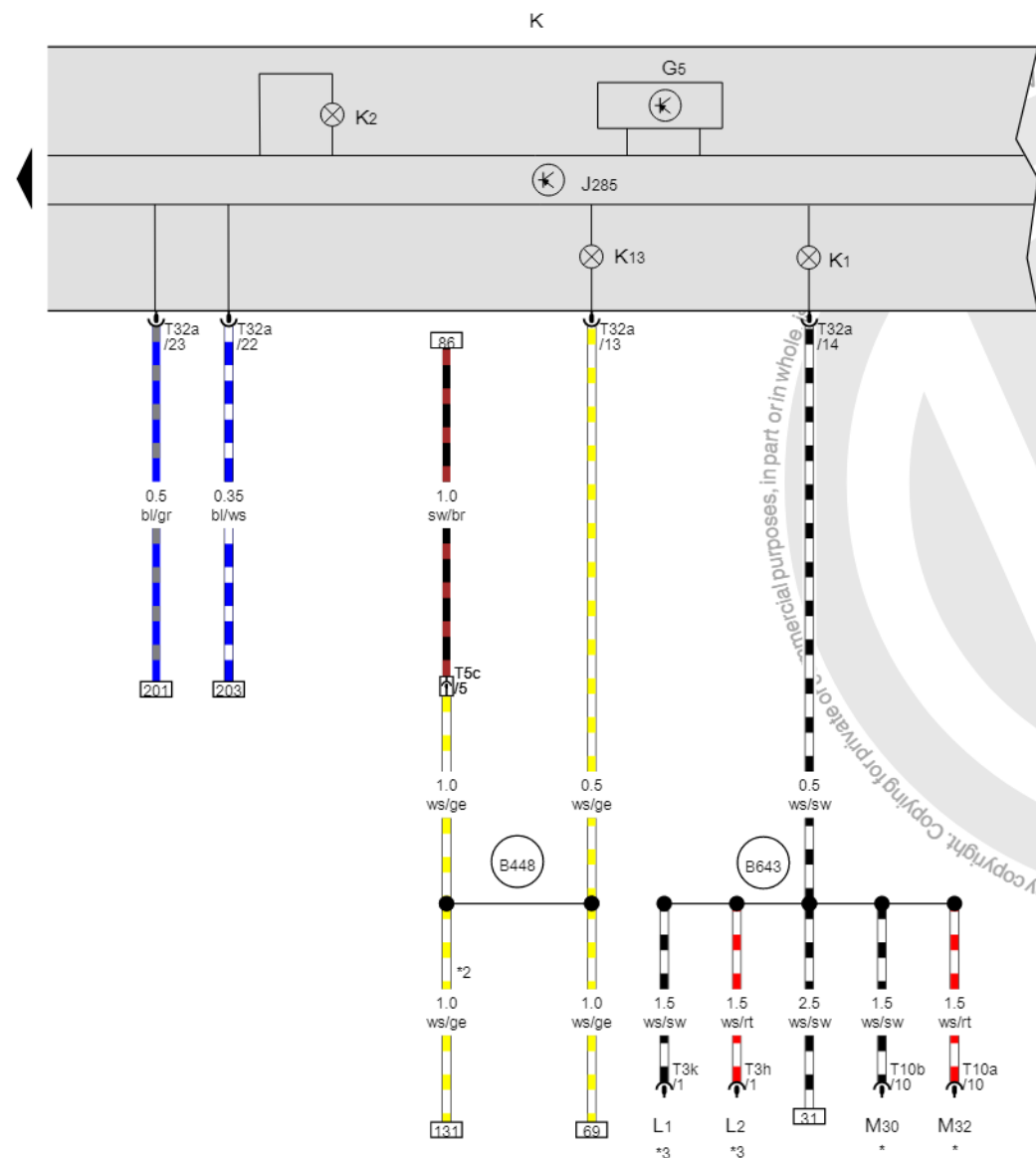
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- T32a 32-pin connector

- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Rear fog light warning lamp



- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- T3h 3-pin connector
- T3k 3-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T10a 10-pin connector
- T10b 10-pin connector
- T32a 32-pin connector

B448 Connection (rear fog light), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

- \* Only models with dual headlights
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with halogen headlights

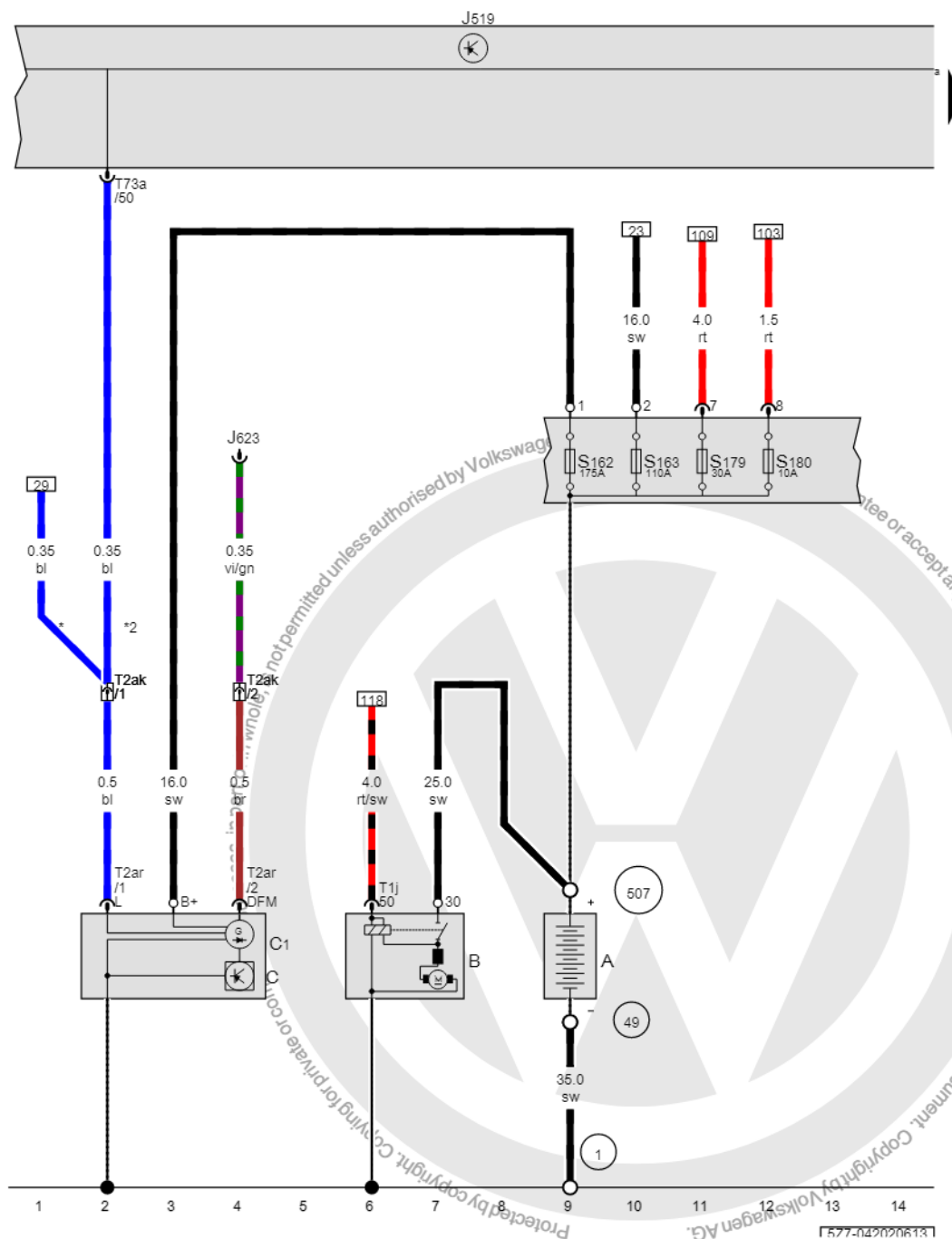
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Automated manual gearbox

From April 2013





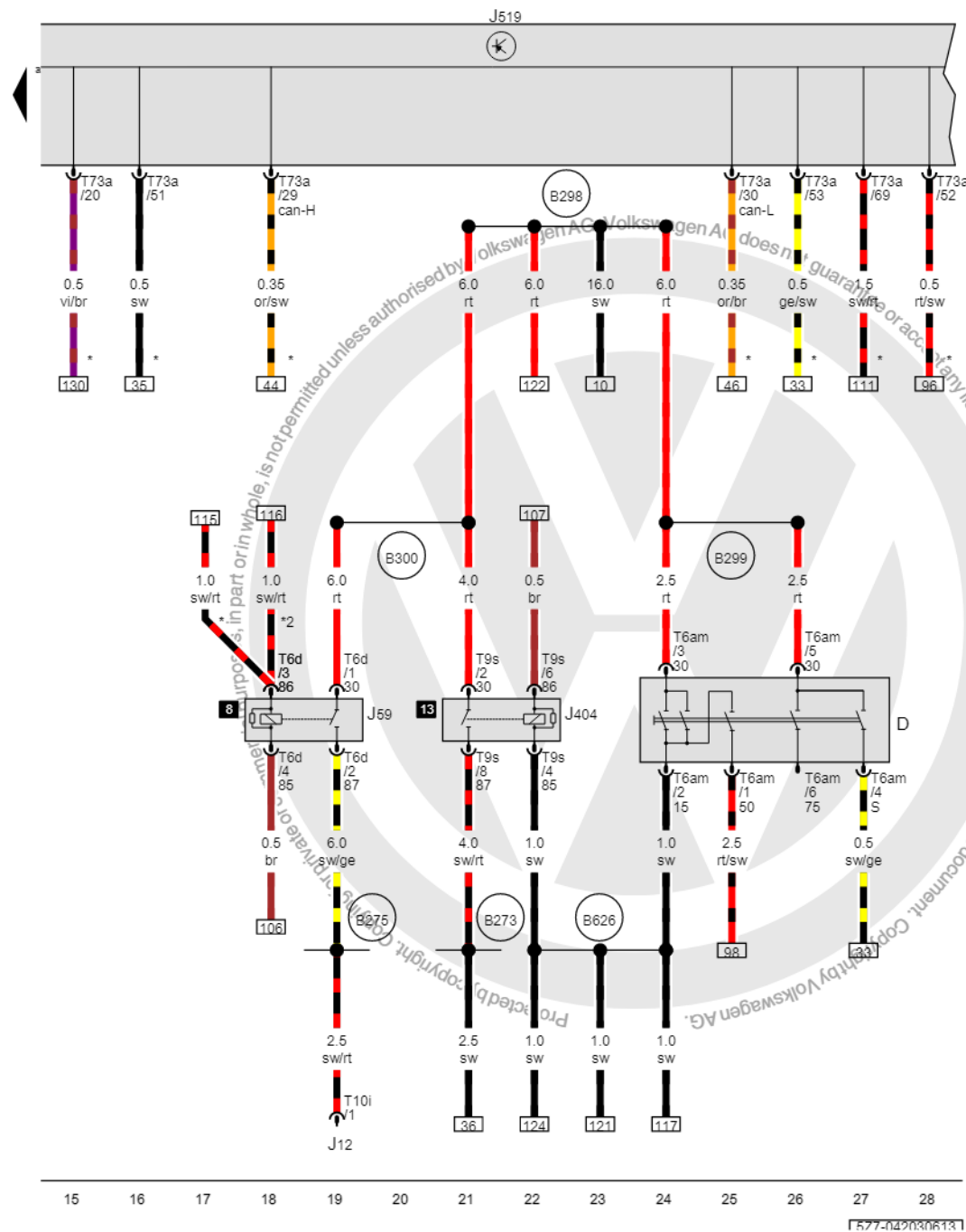


# Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S179 Fuse 7 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 re = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- T73a 73-pin connector
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

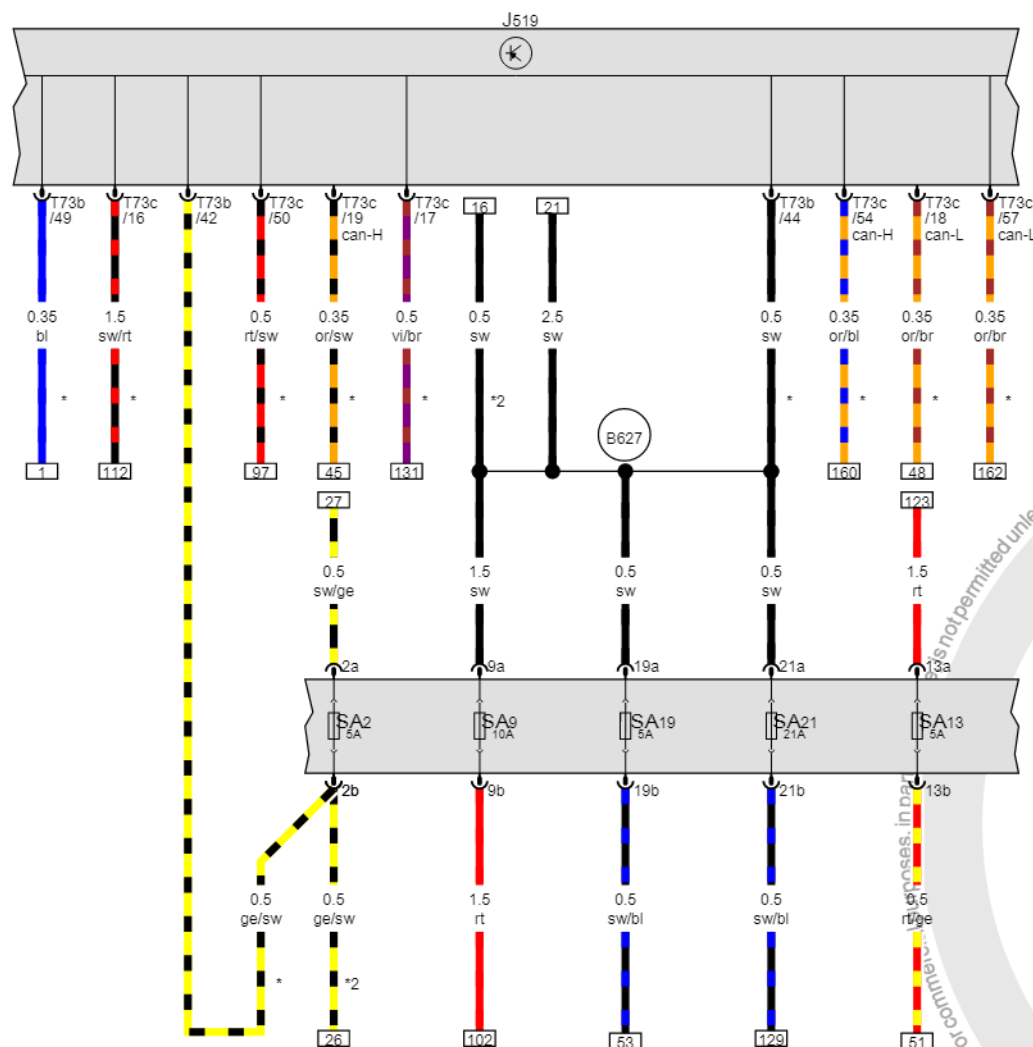
# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA9 Fuse 9 in fuse holder A
- SA13 Fuse 13 in fuse holder A
- SA19 Fuse 19 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector

B627 Positive connection 3 (15), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

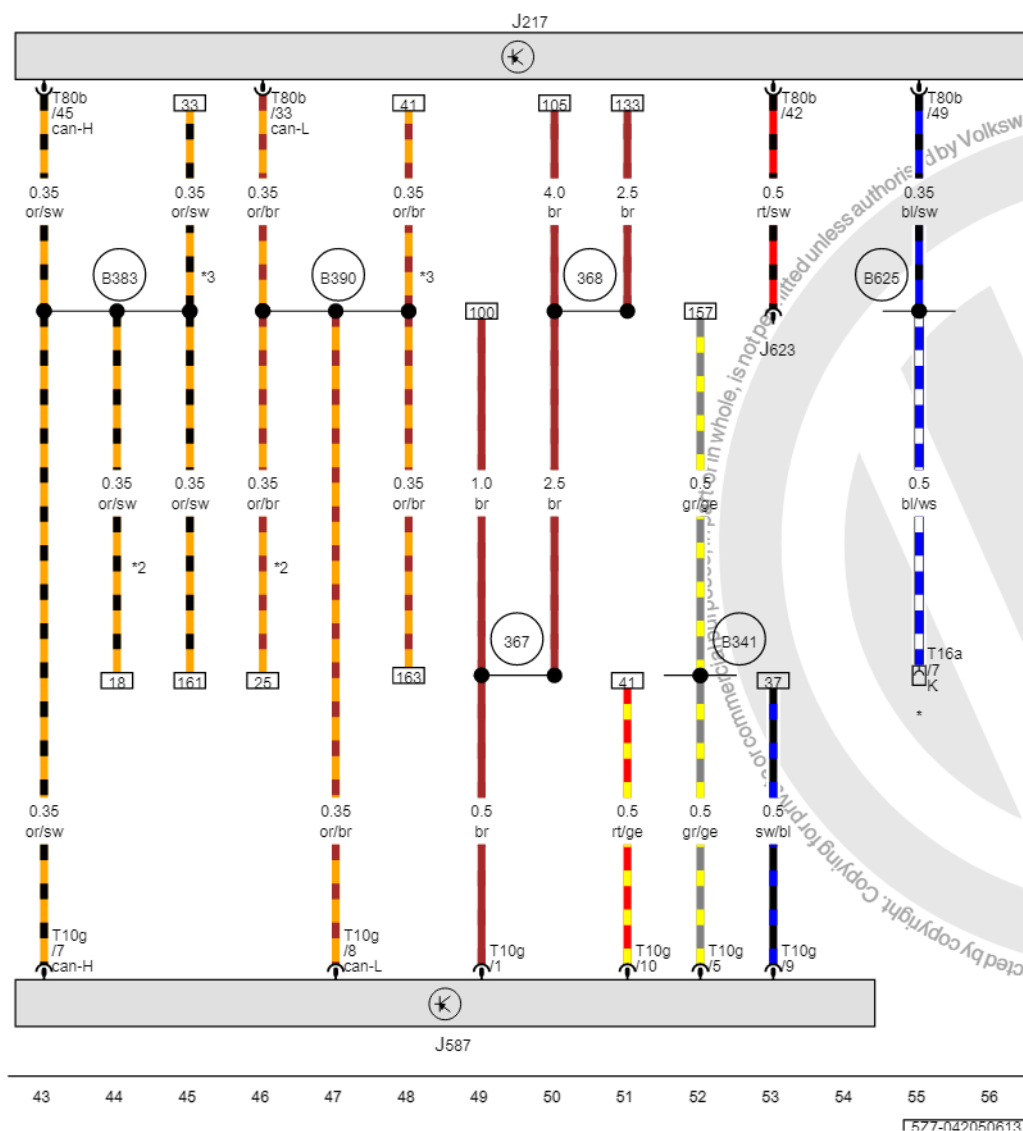


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Automatic gearbox control unit, Selector lever sensors control unit

J217 Automatic gearbox control unit  
J587 Selector lever sensors control unit  
J623 Engine control unit  
T10g 10-pin connector  
T16a 16-pin connector  
T80b 80-pin connector

- 367 Earth connection 2, in main wiring harness  
368 Earth connection 3, in main wiring harness  
B341 Connection 2 (58d), in main wiring harness  
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness  
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness  
B625 Connection (K-diagnosis wire), in main wiring harness  
\* Diagnostic connection  
\*2 Only models with on-board supply control unit BFM  
\*3 Only models with on-board supply control unit BCM



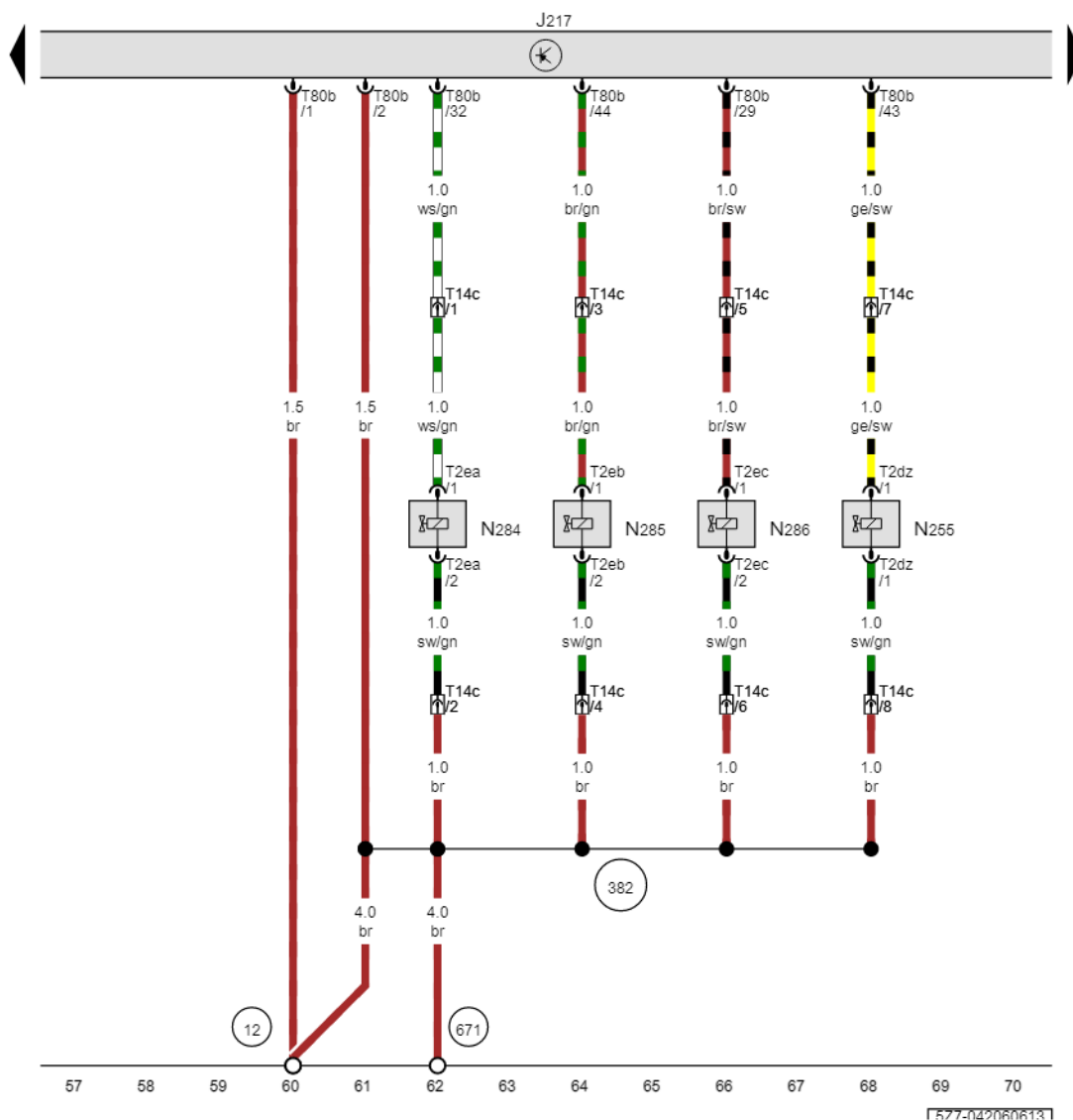
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rs = pink

Automatic gearbox control unit, Clutch actuator valve, Selector lever valve 1, Selector lever valve 2, Selector lever valve 3

- J217 Automatic gearbox control unit
- N255 Clutch actuator valve
- N284 Selector lever valve 1
- N285 Selector lever valve 2
- N286 Selector lever valve 3
- T2dz 2-pin connector
- T2ea 2-pin connector
- T2eb 2-pin connector
- T2ec 2-pin connector
- T14c 14-pin connector, on left in engine compartment
- T80b 80-pin connector

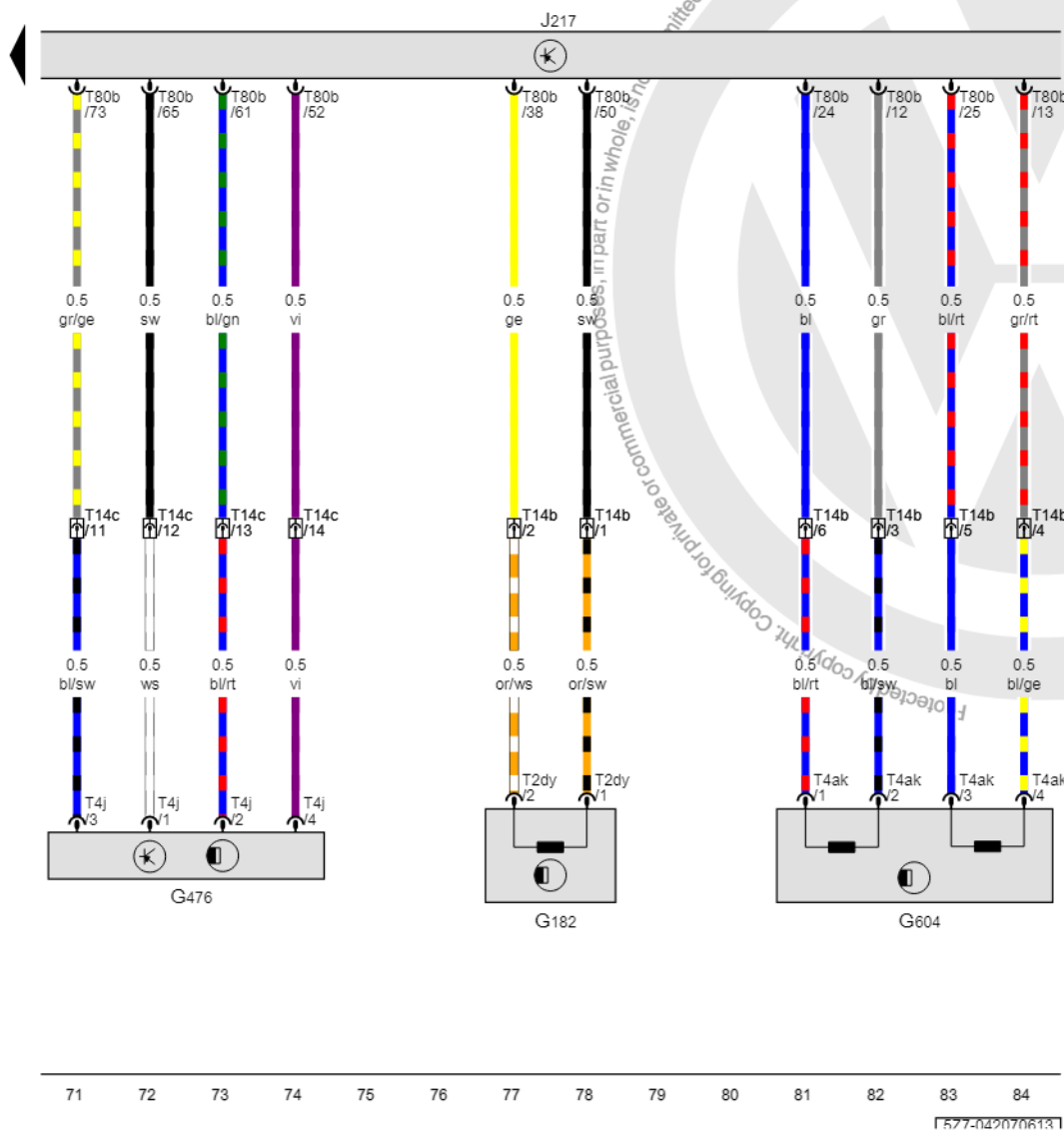
- 12 Earth point, on left in engine compartment
- 382 Earth connection 17, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member

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Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit

- G182 Gearbox input speed sender
- G476 Clutch position sender
- G604 Gear detection sensor
- J217 Automatic gearbox control unit
- T2dy 2-pin connector
- T4ak 4-pin connector
- T4j 4-pin connector
- T14b 14-pin connector, on left in engine compartment
- T14c 14-pin connector, on left in engine compartment
- T80b 80-pin connector



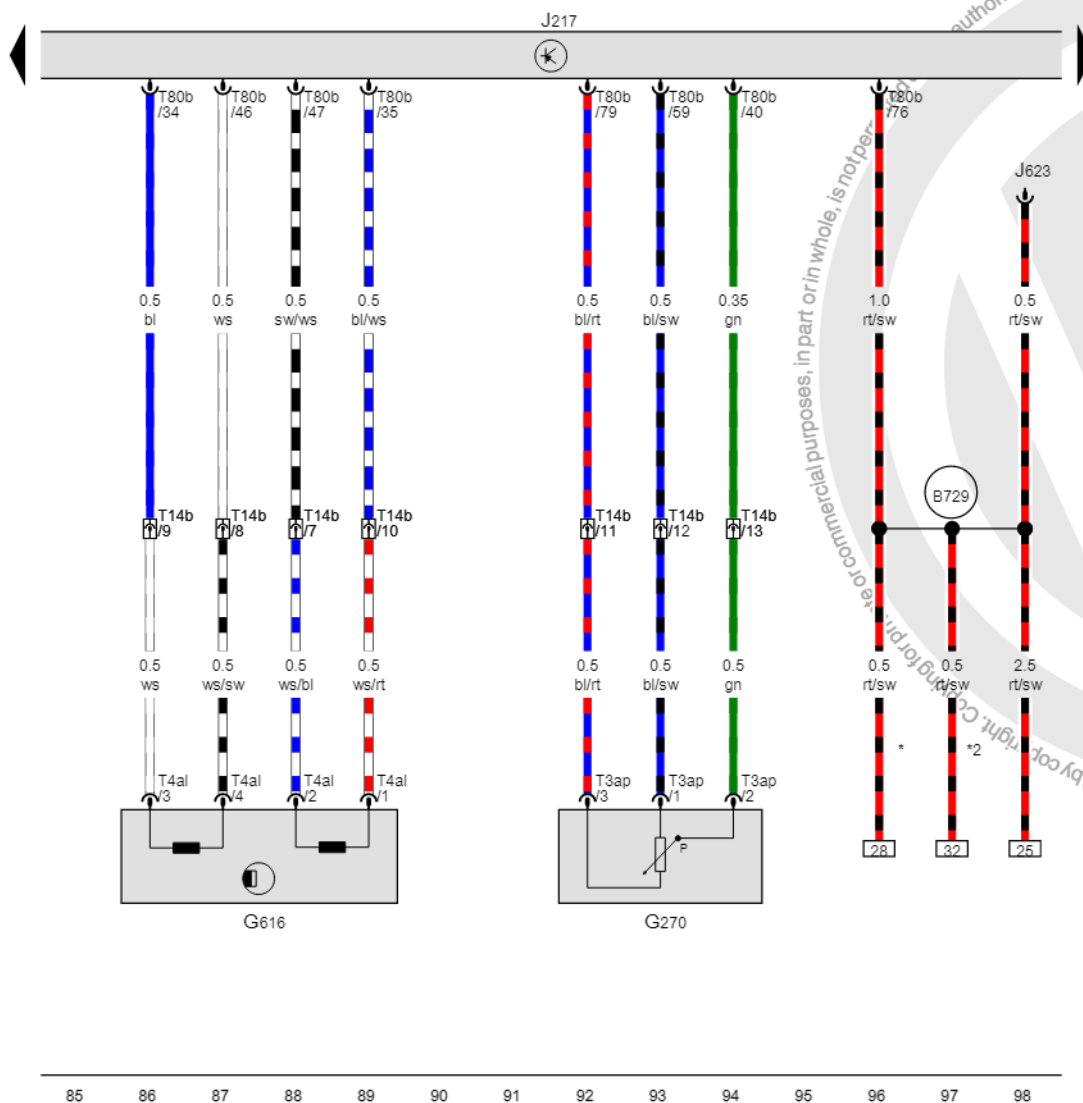
Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

- G270 Gearbox hydraulic pressure sender
- G616 Sensor 2 for gear detection
- J217 Automatic gearbox control unit
- J623 Engine control unit

- T3ap 3-pin connector
- T4al 4-pin connector
- T14b 14-pin connector, on left in engine compartment
- T80b 80-pin connector

- B729 Connection 1 (50A) in main wiring harness

- \* Only models with on-board supply control unit BFM
- \*2 Only models with on-board supply control unit BCM



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- vi = purple
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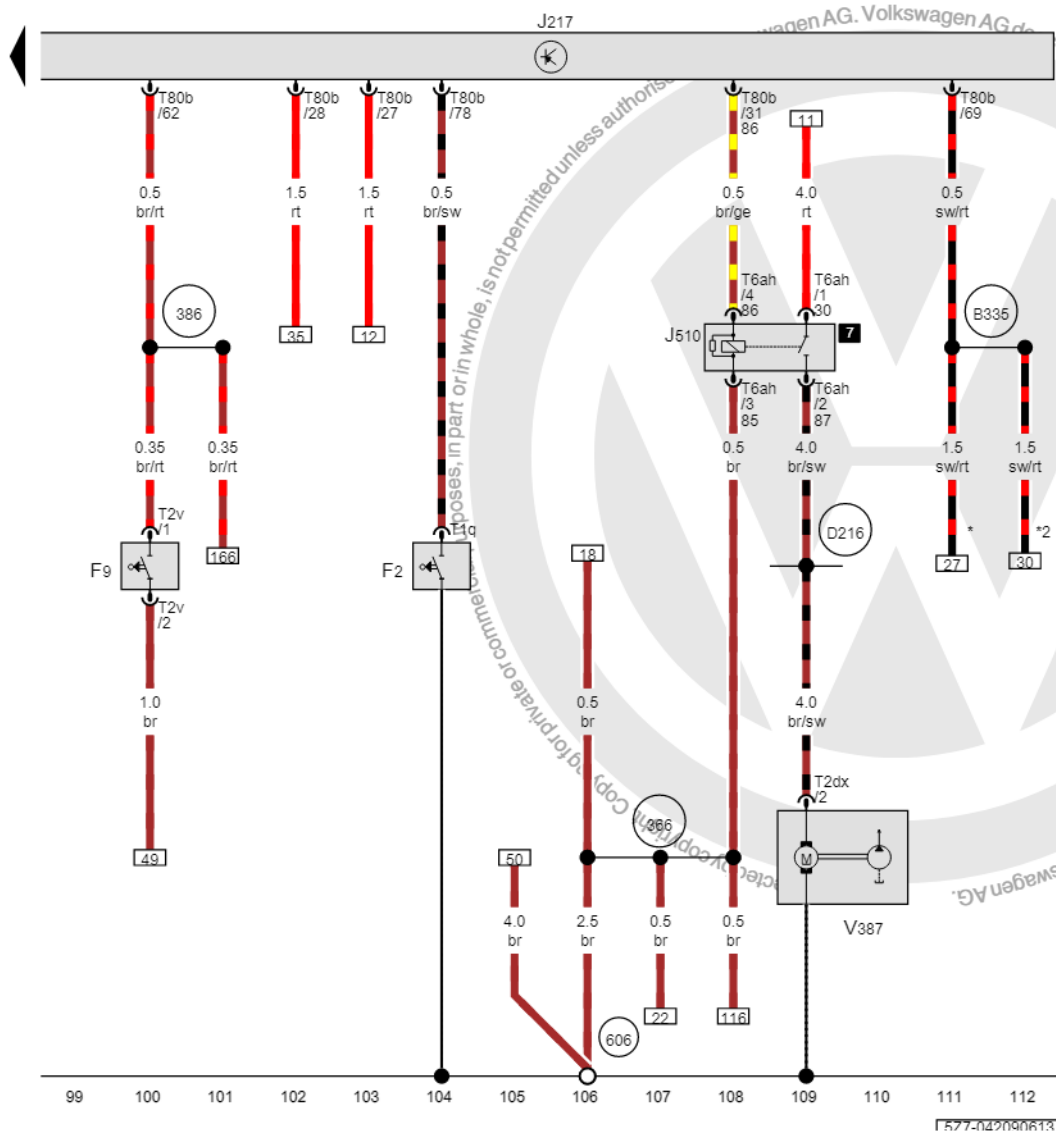


Driver door contact switch, Handbrake warning switch,  
Automatic gearbox control unit, Gearbox hydraulic pump  
relay, Hydraulic pump for gearbox

- |      |                                |
|------|--------------------------------|
| F2   | Driver door contact switch     |
| F9   | Handbrake warning switch       |
| J217 | Automatic gearbox control unit |
| J510 | Gearbox hydraulic pump relay   |
| T1q  | Single connector               |
| T2dx | 2-pin connector                |
| T2v  | 2-pin connector                |
| T6ah | 6-pin connector                |
| T80b | 80-pin connector               |
| V387 | Hydraulic pump for gearbox     |

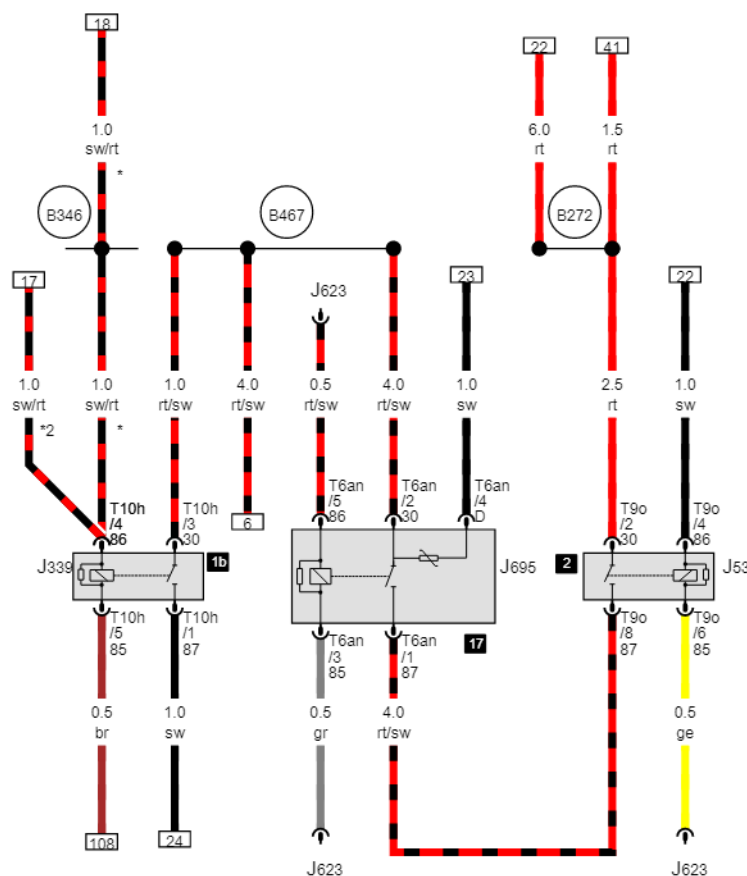
- |      |  |
|------|--|
| 366  | Earth connection 1, in main wiring harness                       |
| 386  | Earth connection 21, in main wiring harness                      |
| 606  | Earth point, under the centre console near gear stick            |
| B335 | Connection 1 (54), in main wiring harness                        |
| D216 | Connection (hydraulic pump warning lamp), in main wiring harness |
| *    | Only models with onboard supply control unit BFM                 |
| *2   | Only models with onboard supply control unit BCM                 |

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Starter motor relay, X contact relief relay 2, Starter motor relay 2



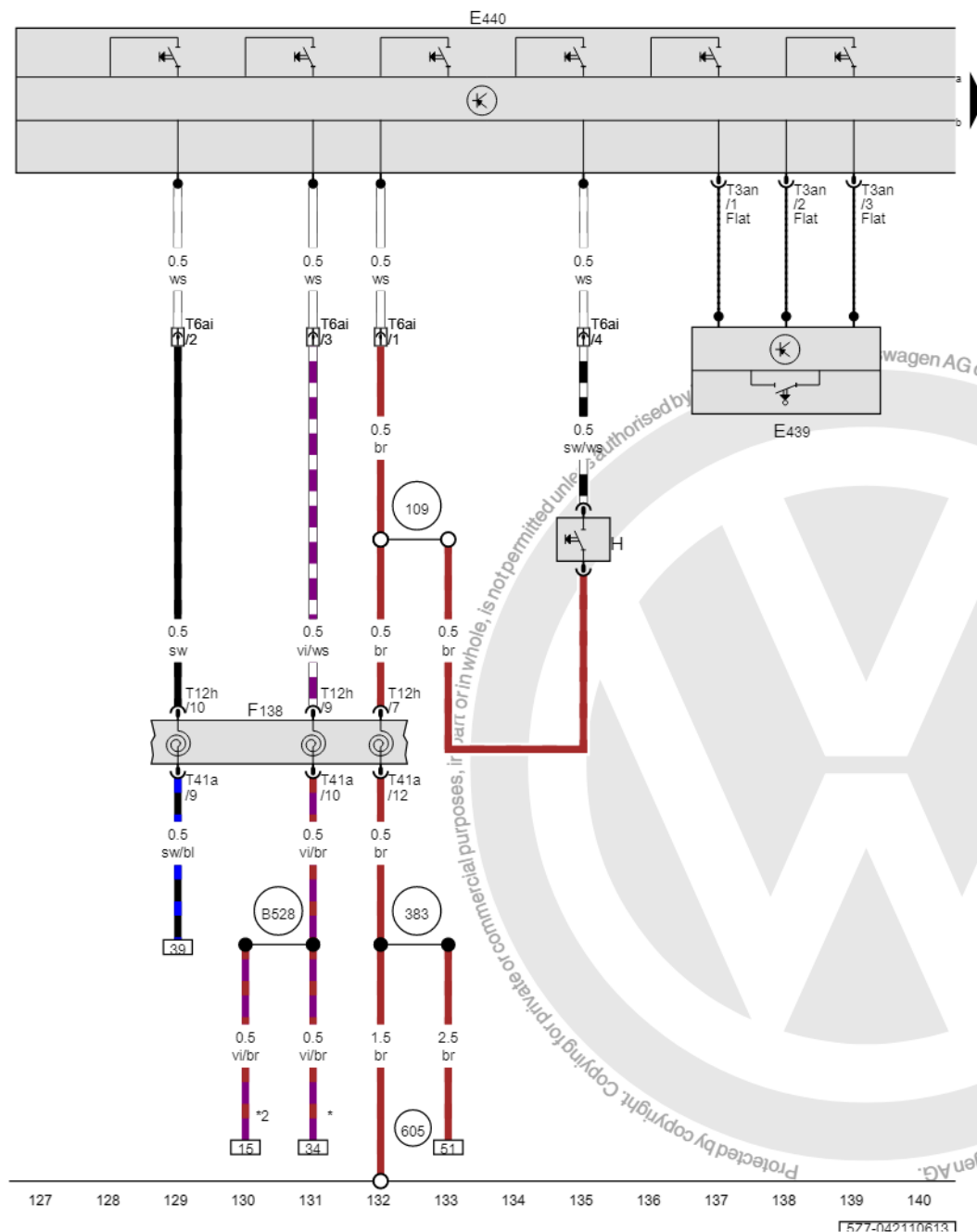
- J53 Starter motor relay
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T6an 6-pin connector
- T9o 9-pin connector
- T10h 10-pin connector
- B272 Positive connection (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B467 Connection 3, in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T3an 3-pin connector
- T6ai 6-pin connector
- T12h 12-pin connector
- T41a 41-pin connector

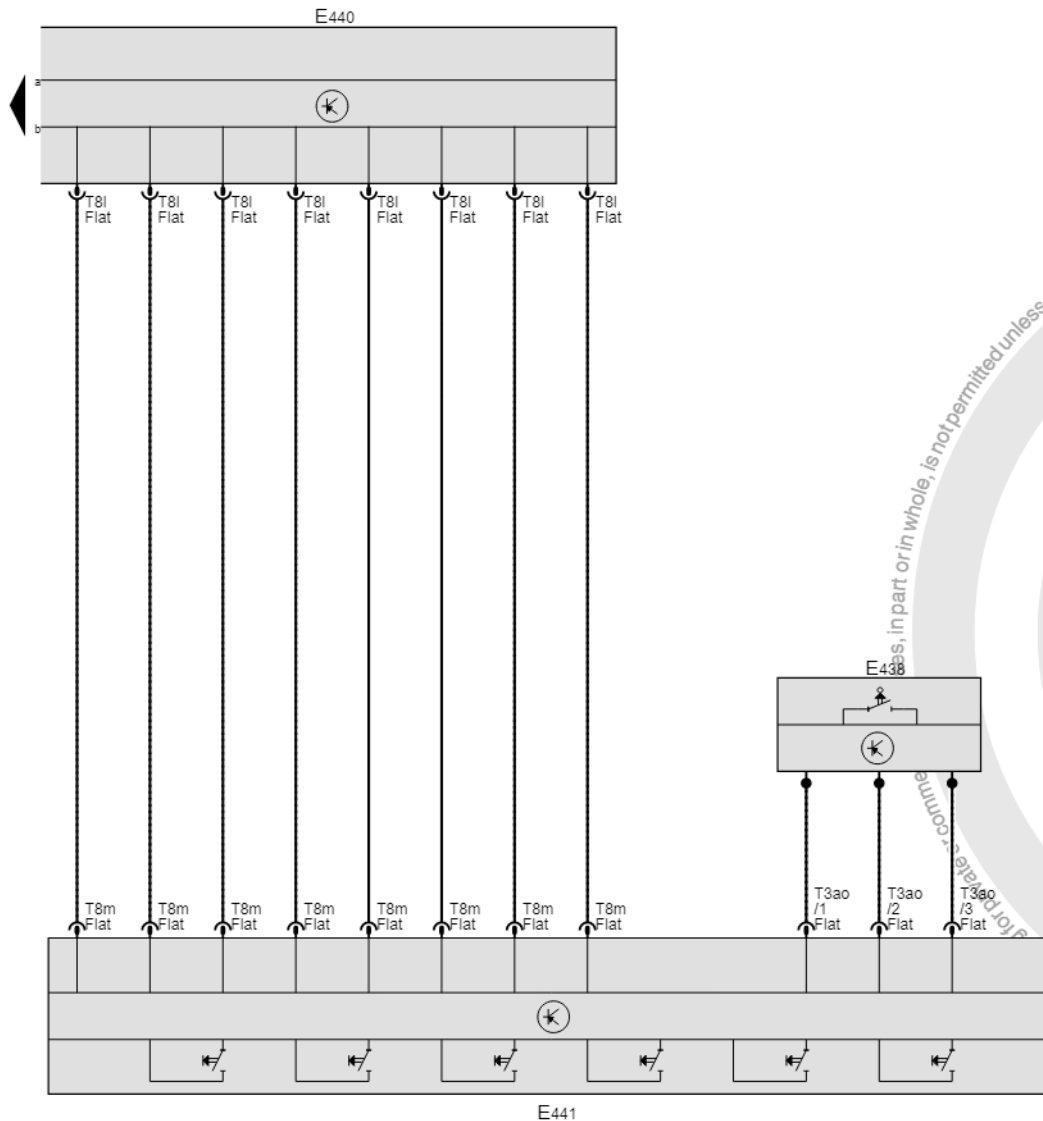
- 109 Earth connection, in airbag wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B528 Connection 1 (LIN bus) in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector



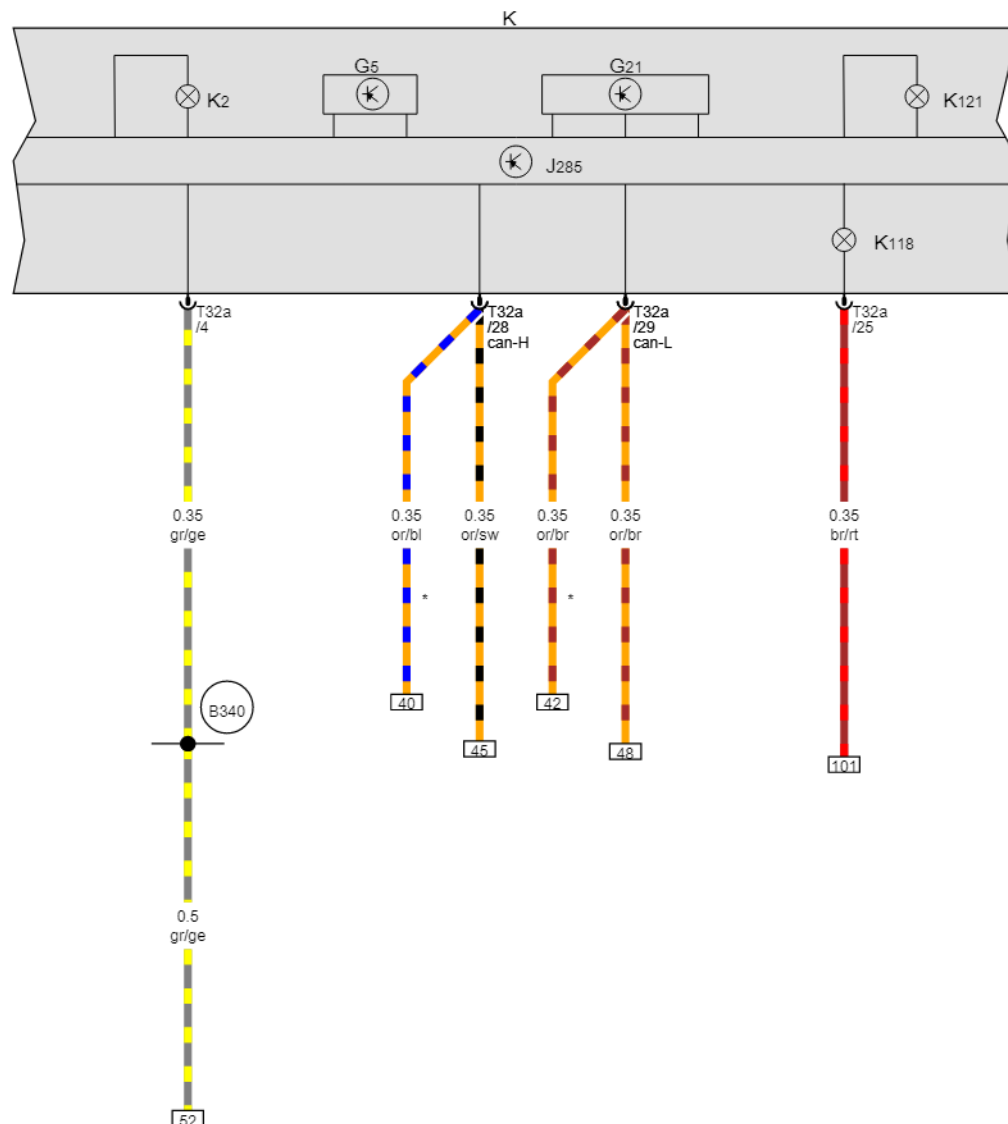
- ws = white
- sw = black
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

141 142 143 144 145 146 147 148 149 150 151 152 153 154

1577-042120613

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Brake system warning lamp, Malfunction warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM

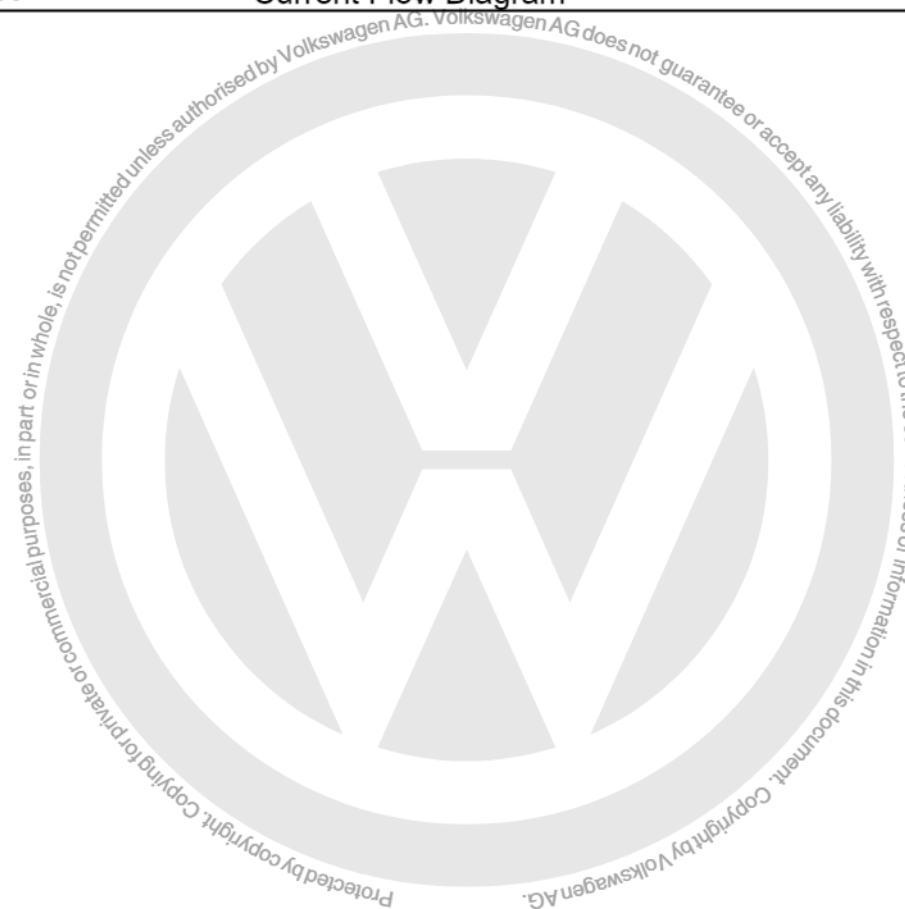


155 156 157 158 159 160 161 162 163 164 165 166 167 168

1577-042130613

## Dual headlight

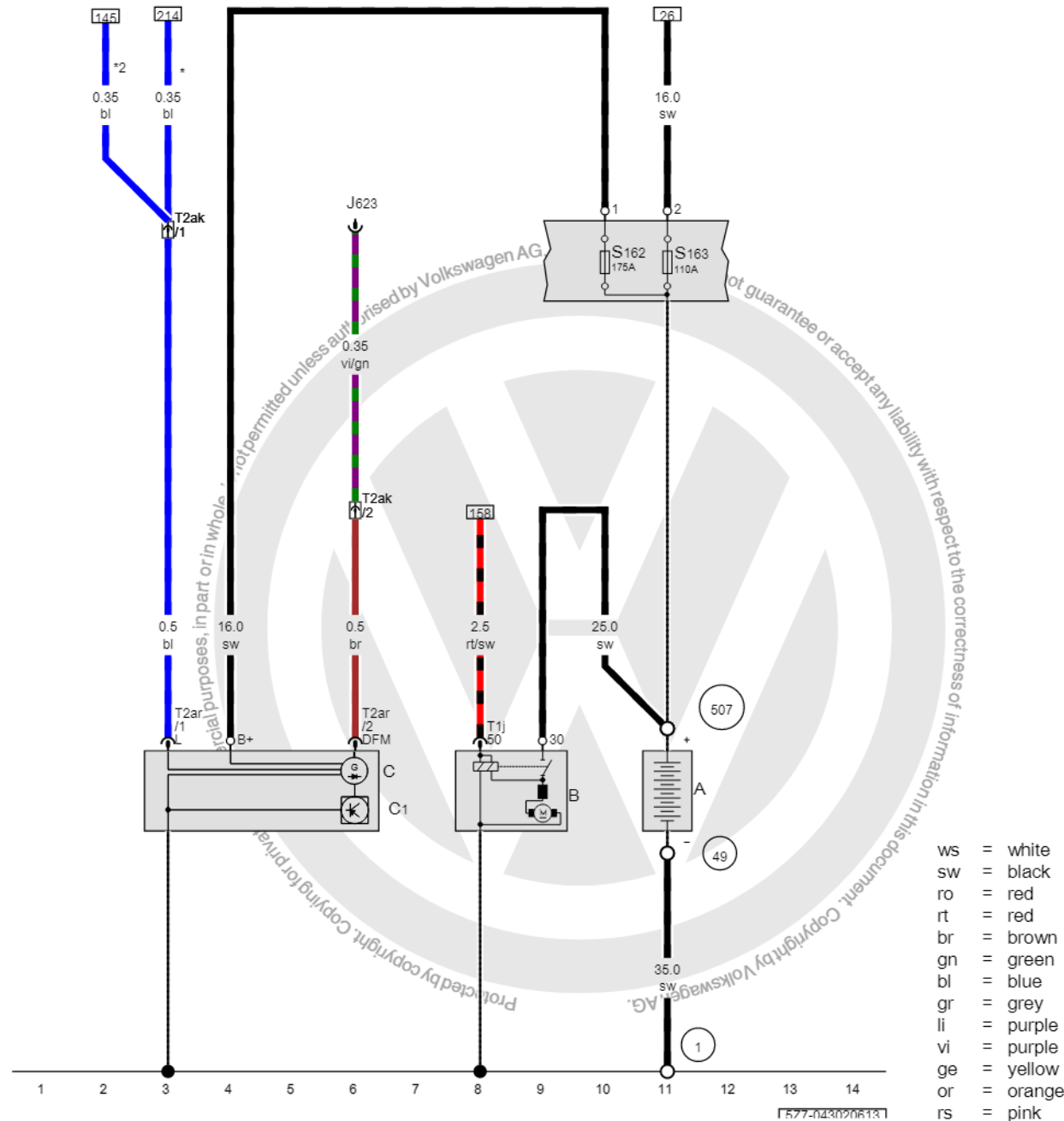
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

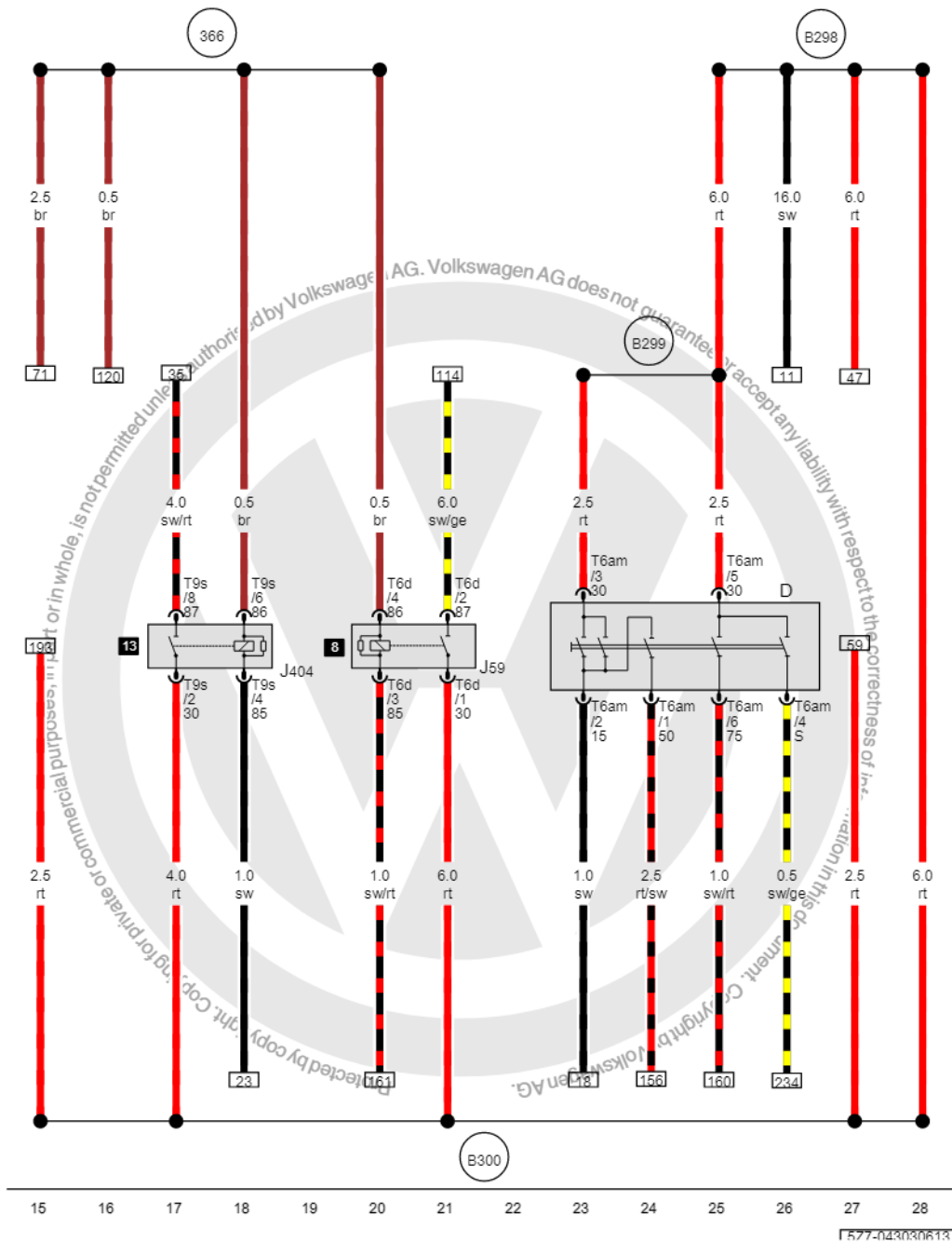
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



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Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 47 on fuse holder B

SB26 Fuse 26 on fuse holder B  
SB31 Fuse 31 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB37 Fuse 37 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB47 Fuse 47 on fuse holder B

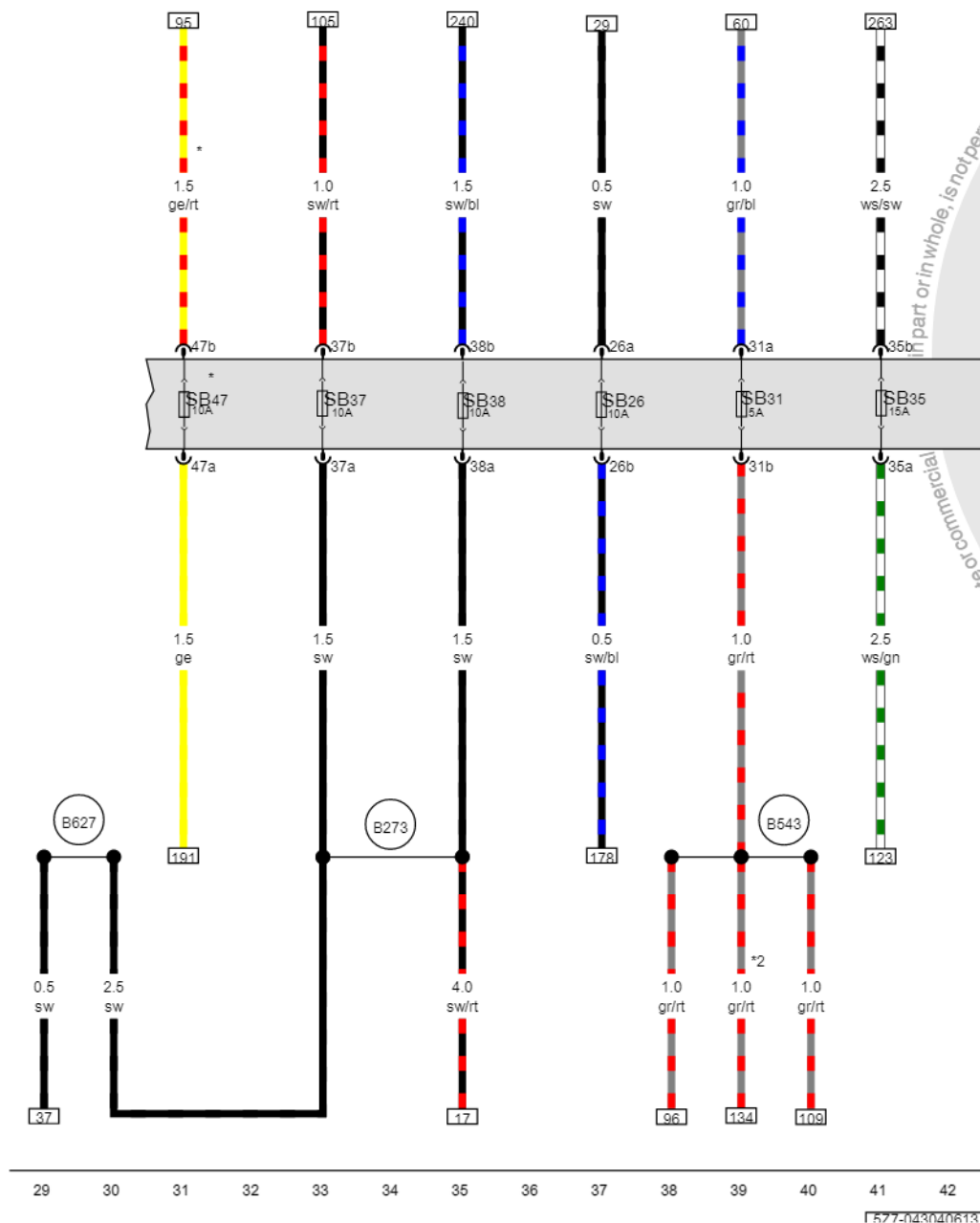
B273 Positive connection (15), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



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Fuse 32 on fuse holder B, Fuse 36 on fuse holder B, Fuse 43 on fuse holder B, Fuse 47 on fuse holder B

SB32 Fuse 32 on fuse holder B  
SB36 Fuse 36 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
SB47 Fuse 47 on fuse holder B

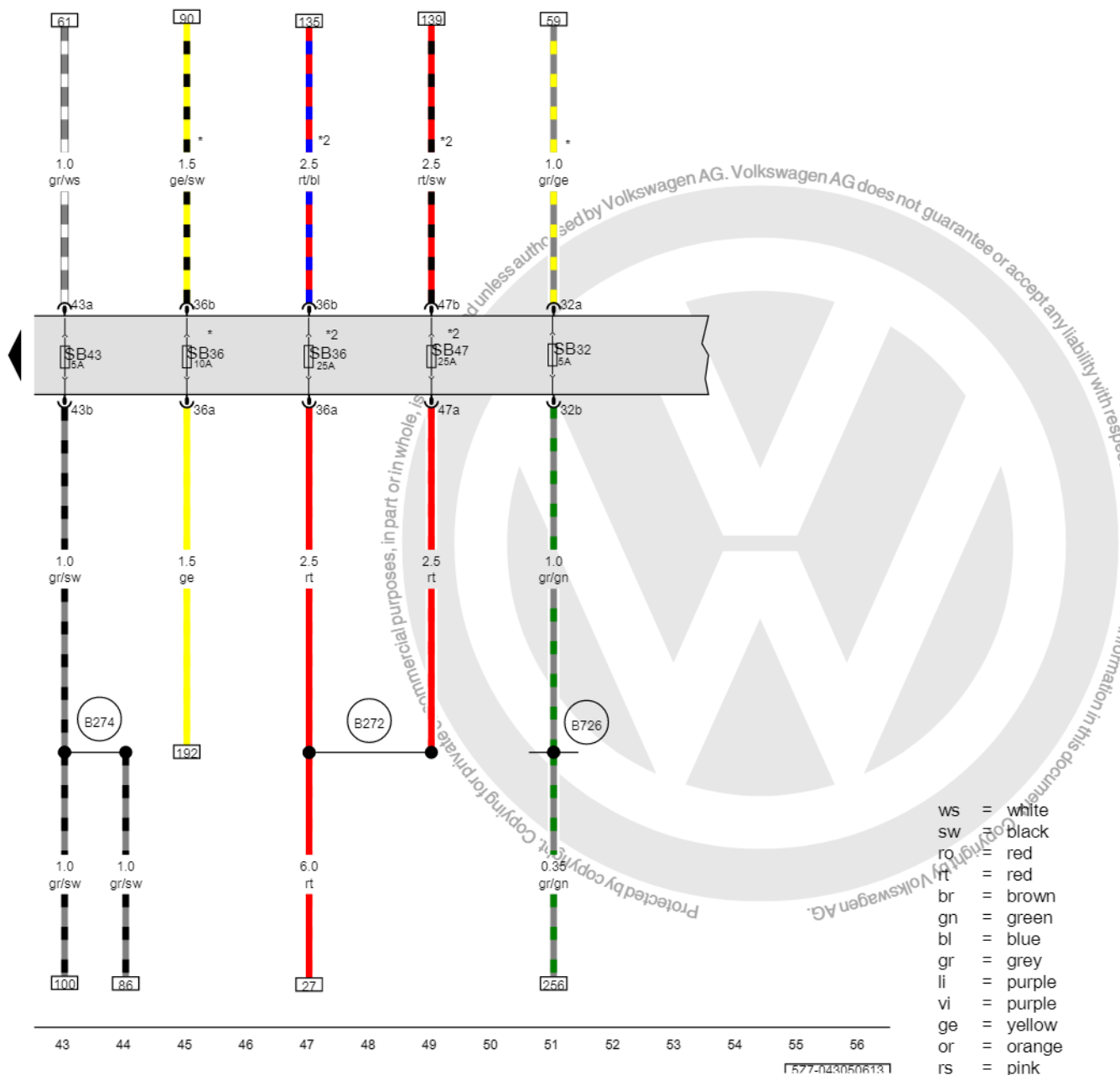
B272 Positive connection (30), in main wiring harness

B274 Positive connection (58L), in main wiring harness

B726 Positive connection 2 (58), in main wiring harness

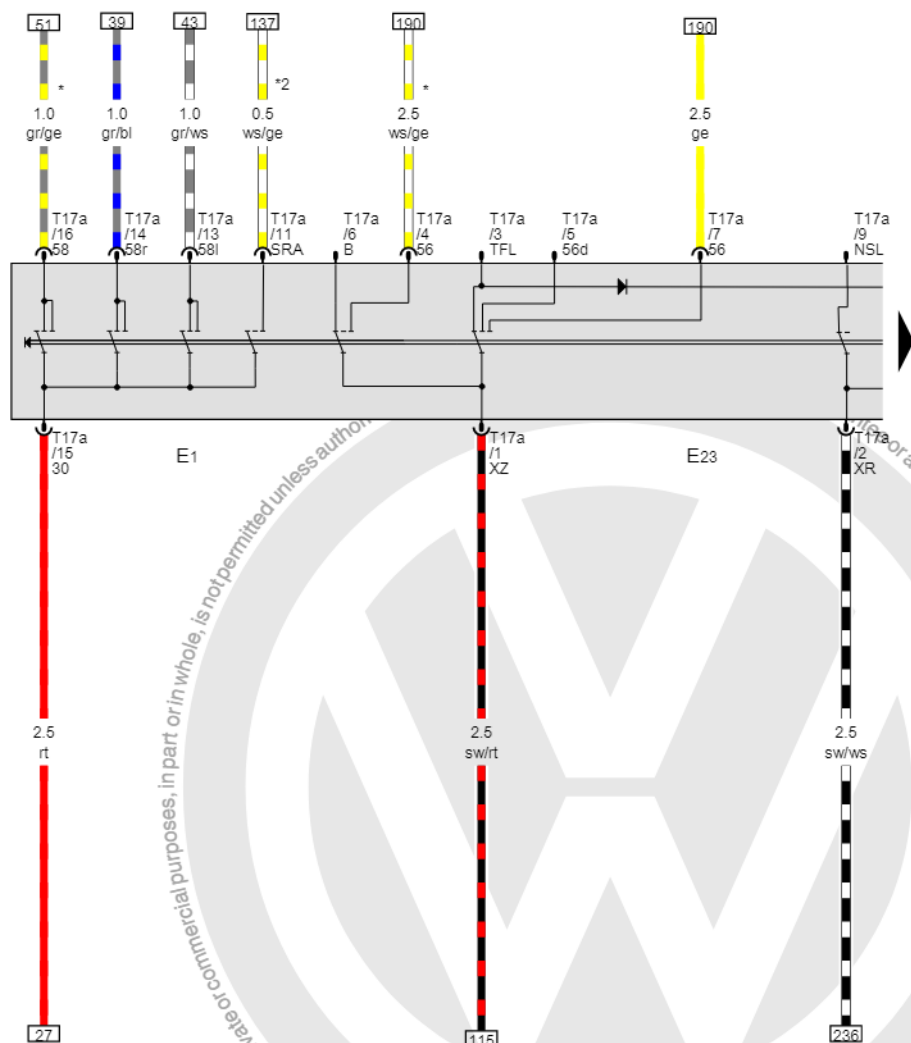
\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



Light switch, Front and rear fog light switch

- E1 Light switch
- E23 Front and rear fog light switch
- T17a 17-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

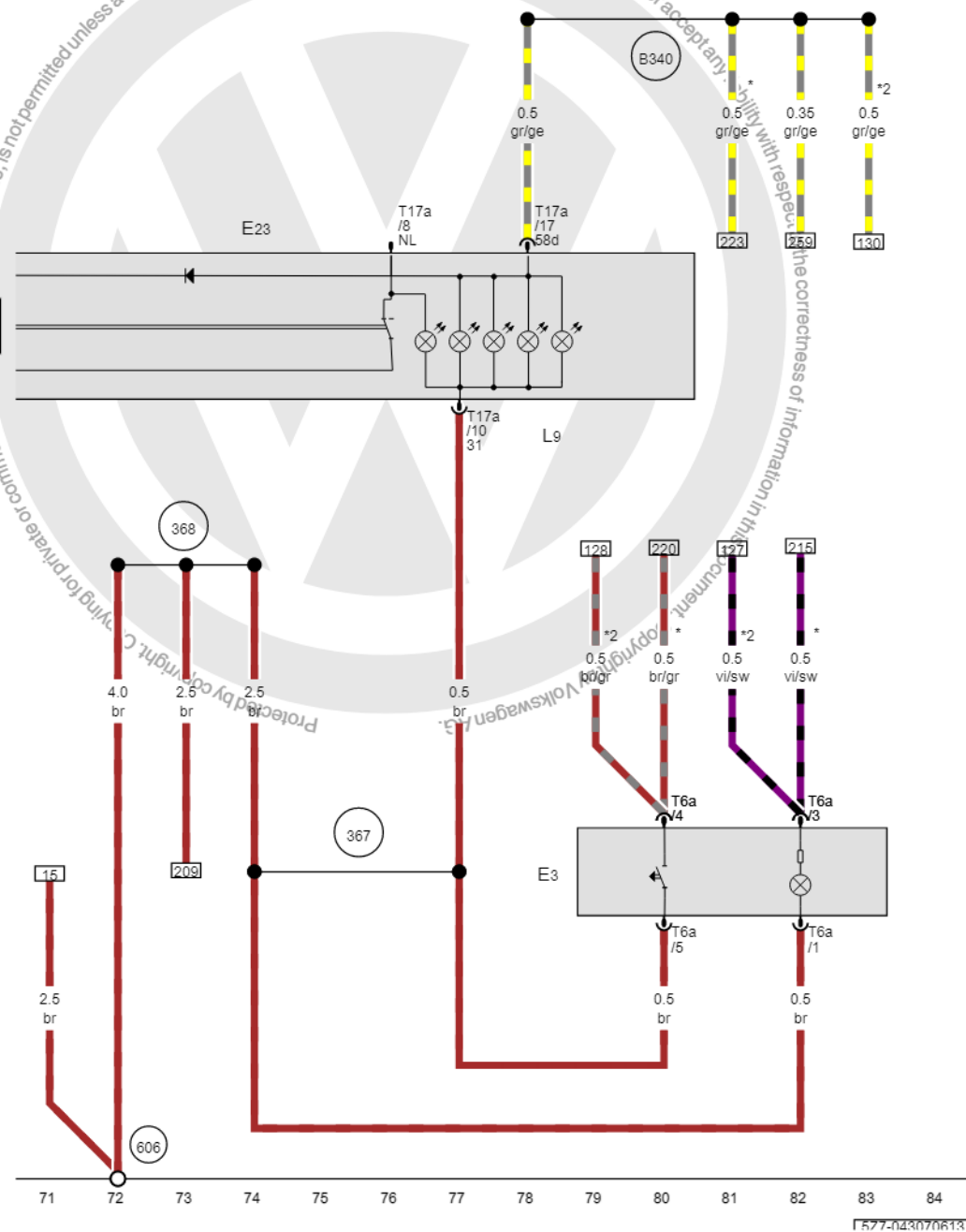


ws = white  
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 rs = pink

Hazard warning light switch, Front and rear fog light switch,  
Light switch illumination bulb

- E3 Hazard warning light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T6a 6-pin connector
- T17a 17-pin connector

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- or = orange
- rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector

13 Earth point, on right in engine compartment

371 Earth connection 6, in main wiring harness

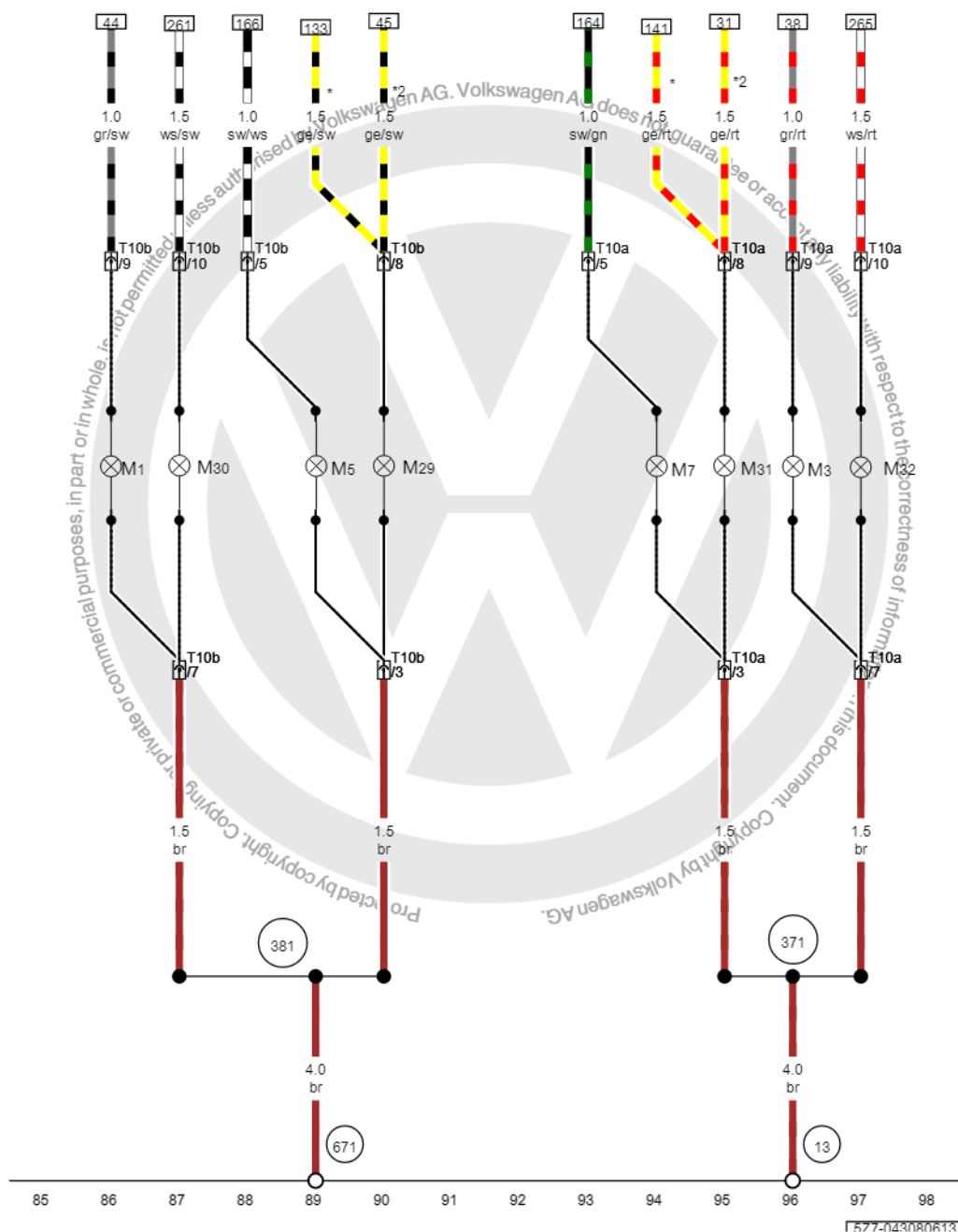
381 Earth connection 16, in main wiring harness

671 Earth point 1, on front of left longitudinal member

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

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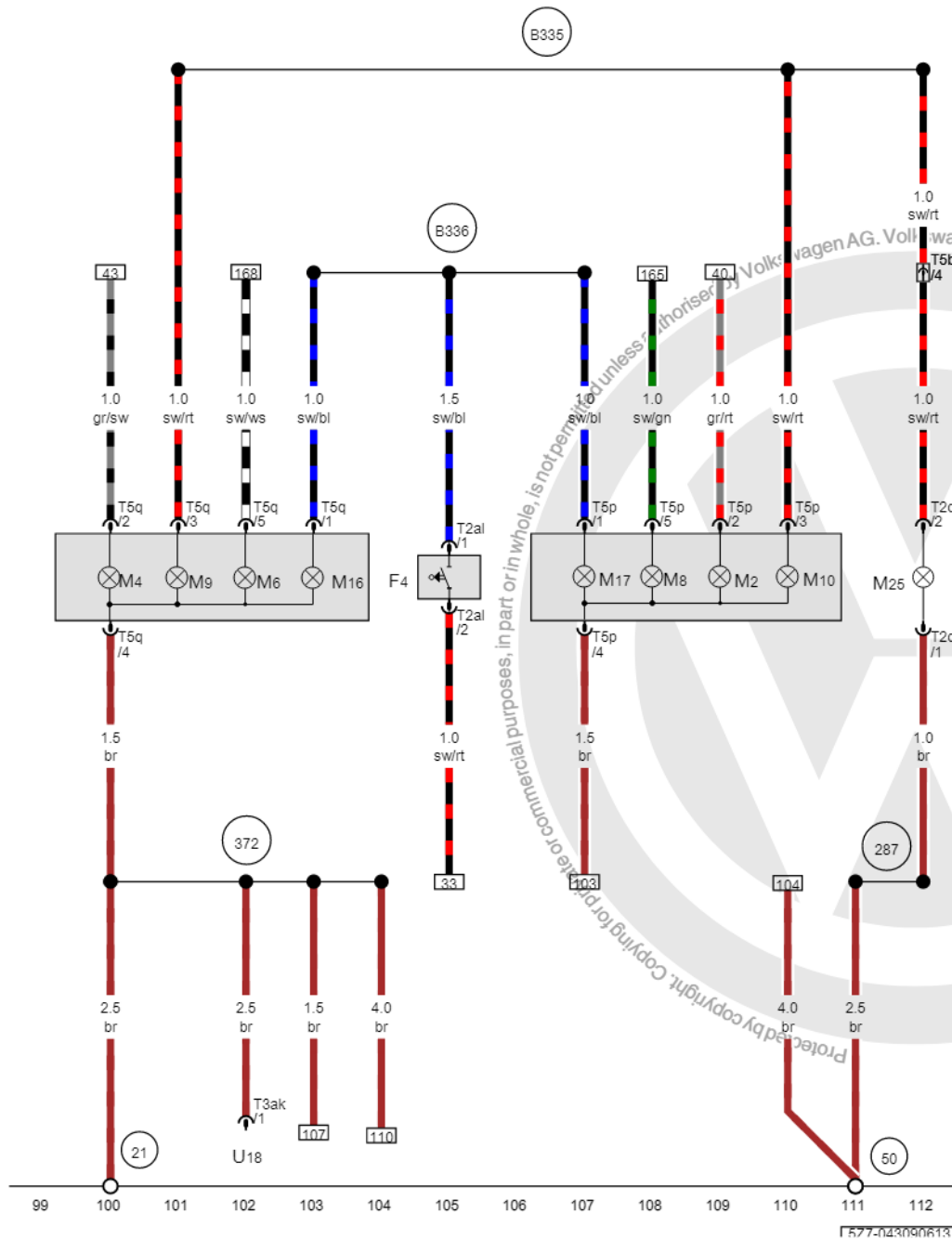


Reversing light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, Additional brake light bulb

- F4 Reversing light switch
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M25 Additional brake light bulb
- T2al 2-pin connector
- T2du 2-pin connector
- T3ak 3-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5p 5-pin connector
- T5q 5-pin connector
- U18 12 V socket 2

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 287 Earth connection, in rear lid feeder wiring harness
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness

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 ro = red  
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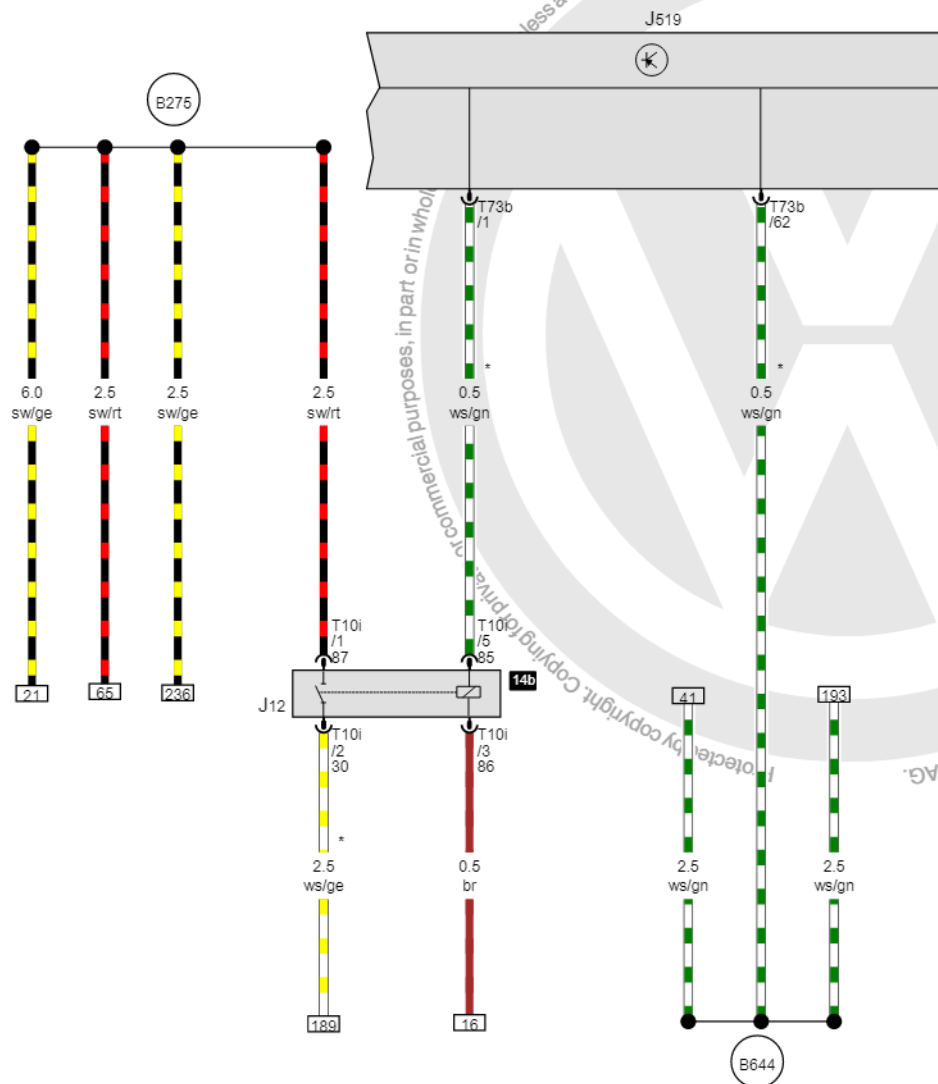
Headlight main beam relay, Onboard supply control unit

- J12 Headlight main beam relay  
J519 Onboard supply control unit  
T10i 10-pin connector  
T73b 73-pin connector

B275 Positive connection (87), in main wiring harness

B644 Connection 3 (56a), in main wiring harness

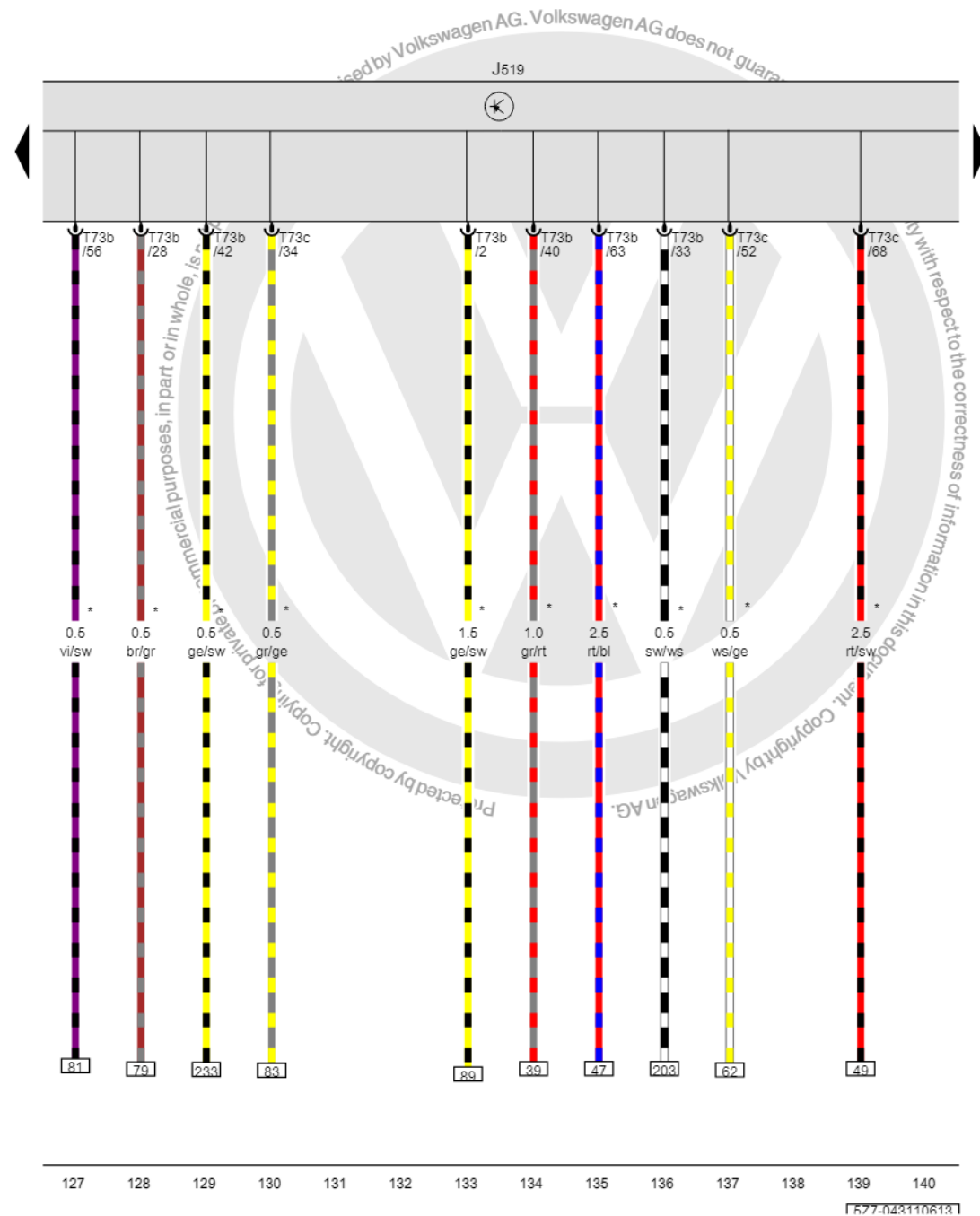
\* Only models with onboard supply control unit BCM



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rs = pink

# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM



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- gn = green
- bl = blue
- gr = grey
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- vi = purple
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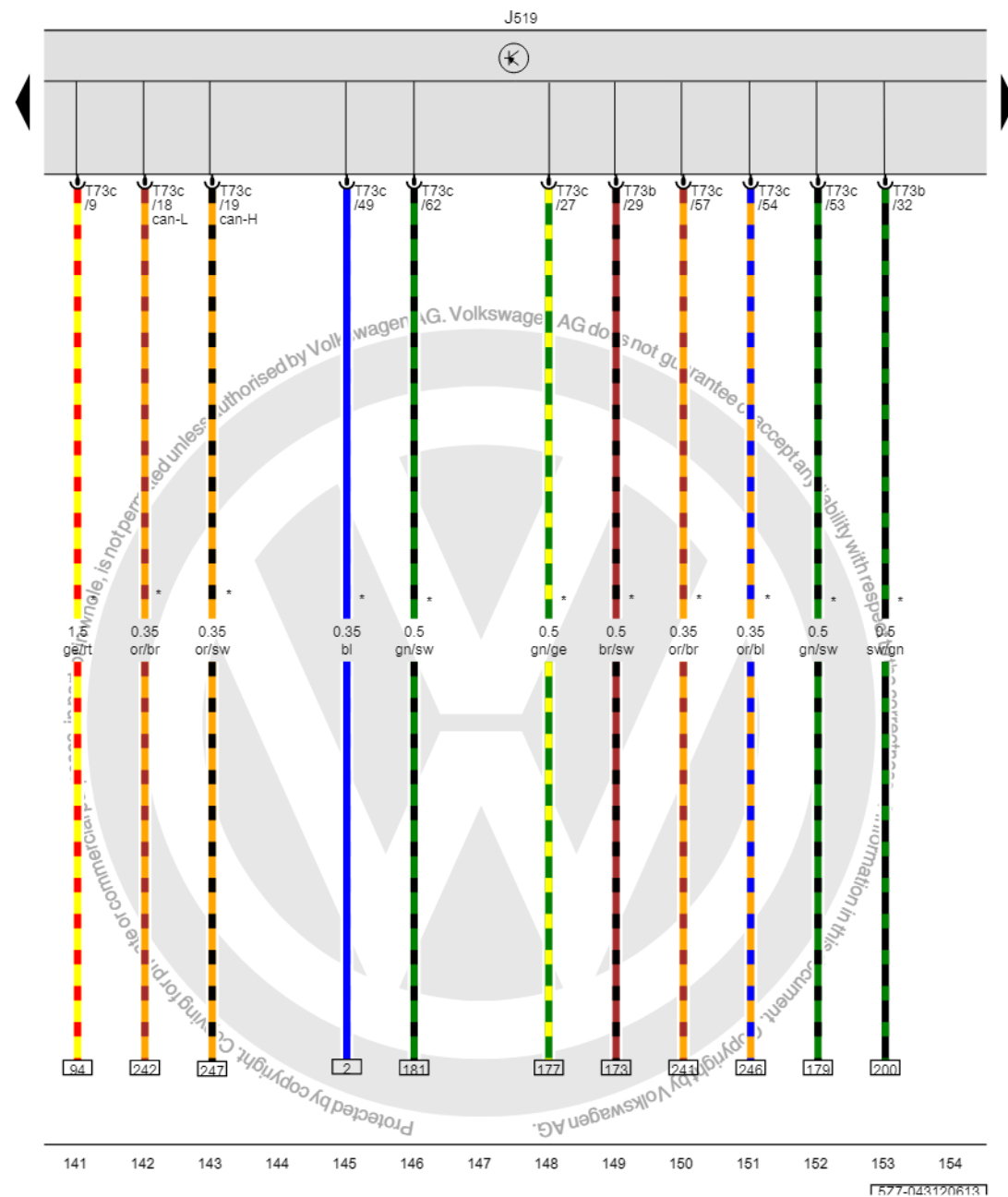
# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

\* Only models with onboard supply control unit BCM





# Onboard supply control unit

J519 Onboard supply control unit

T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

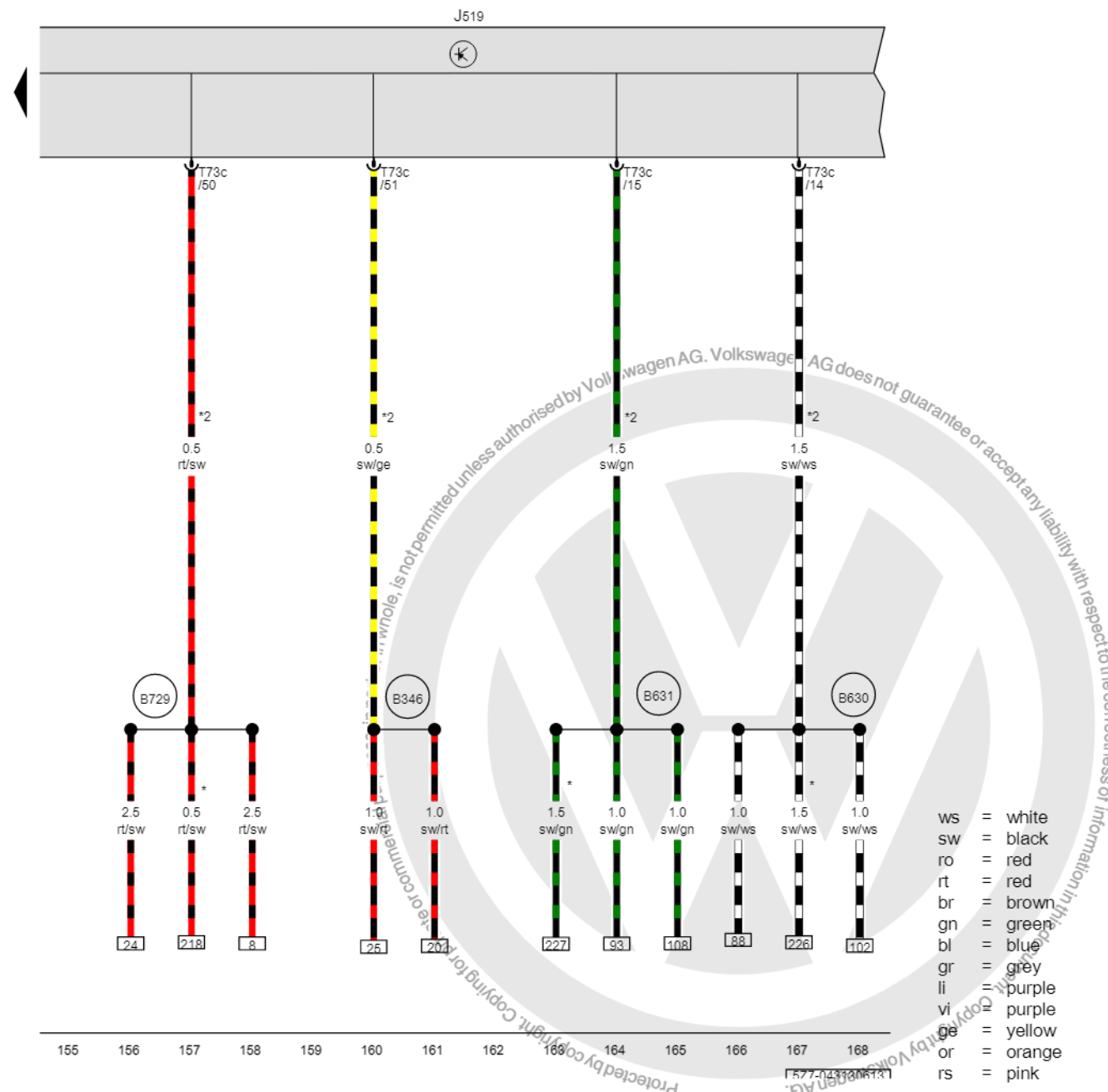
B630 Positive connection (left turn signal bulb), in main wiring harness

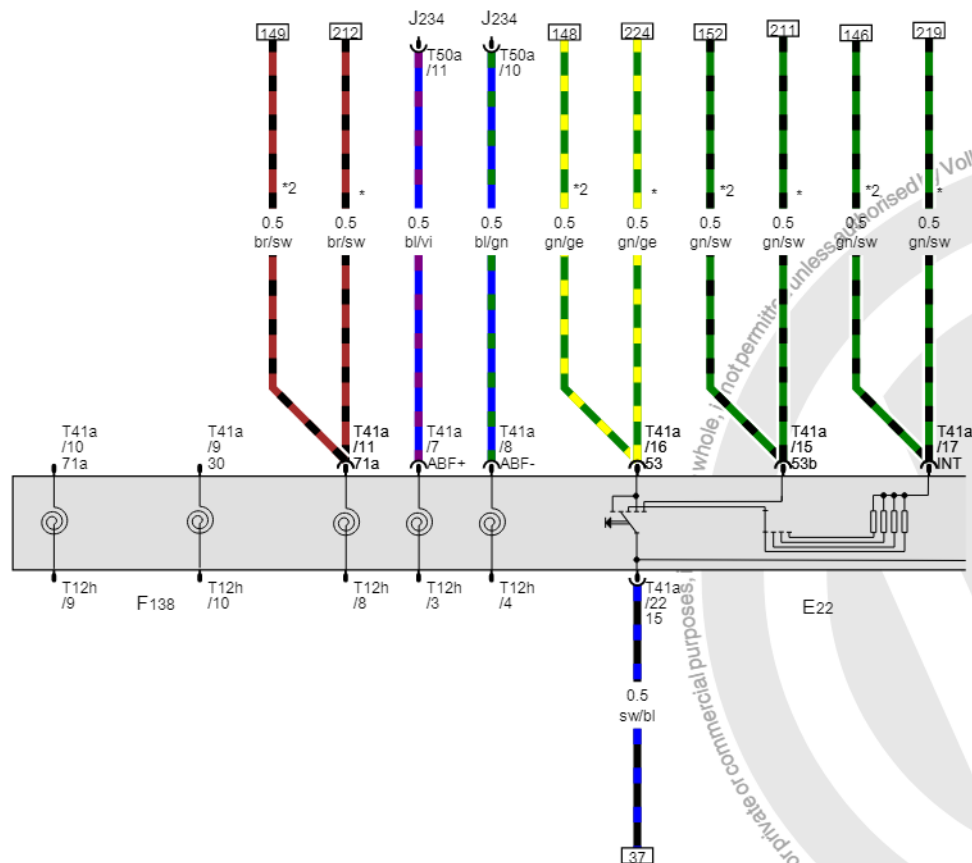
B631 Positive connection (right turn signal bulb), in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

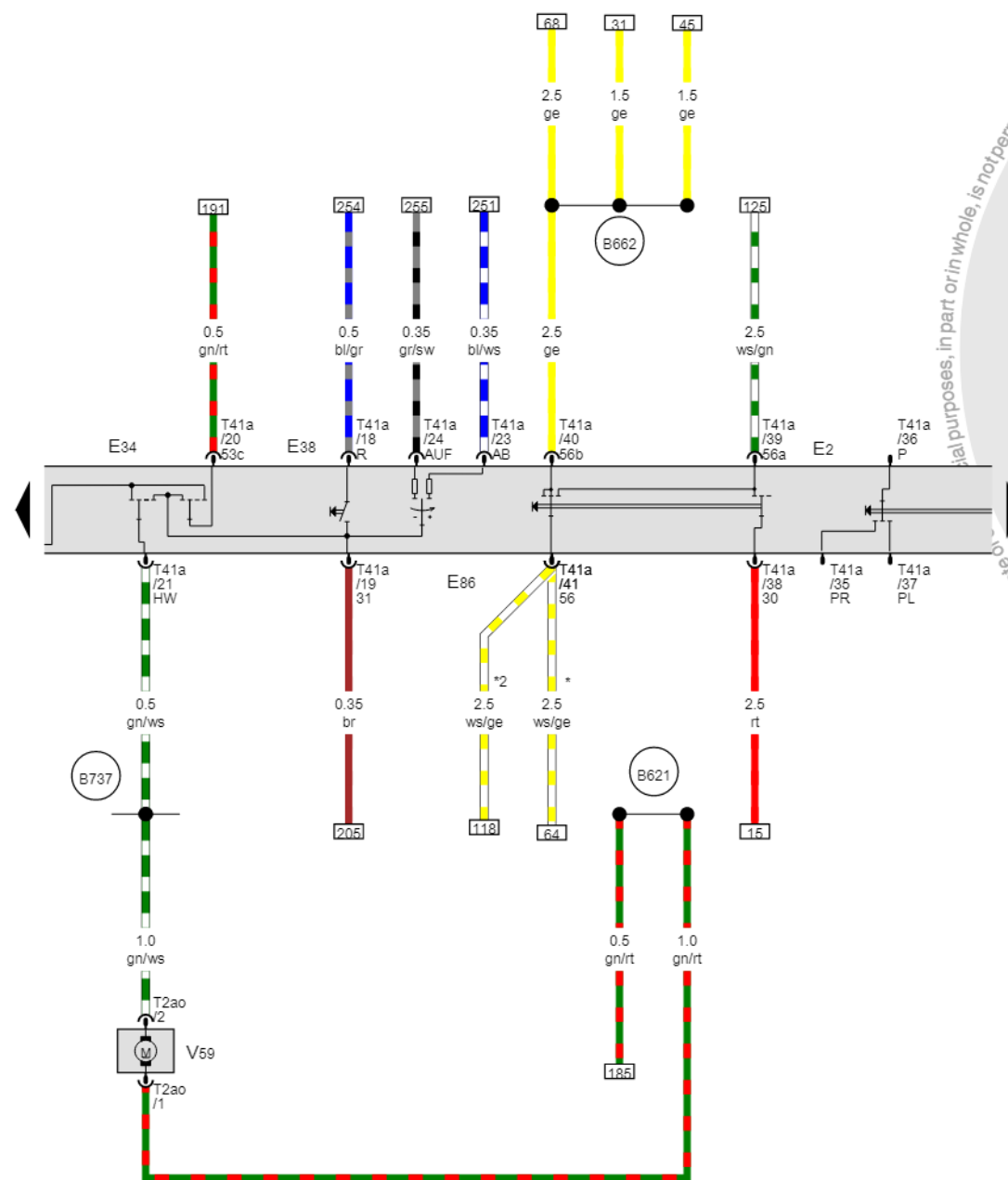




Intermittent wiper switch, Airbag coil connector and return ring with slip ring

- E22 Intermittent wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- T41a 41-pin connector
- T50a 50-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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Turn signal switch, Rear wiper switch, Intermittent wiper regulator, Multifunction display call-up button, Windscreen and rear window washer pump

- E2 Turn signal switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- T2ao 2-pin connector
- T41a 41-pin connector
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness
- \* Only models with onboard supply control unit BEM
- \*2 Only models with onboard supply control unit BCM

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# Headlight dipper and flasher switch

E4 Headlight dipper and flasher switch  
T16a 16-pin connector  
T41a 41-pin connector

383 Earth connection 18, in main wiring harness

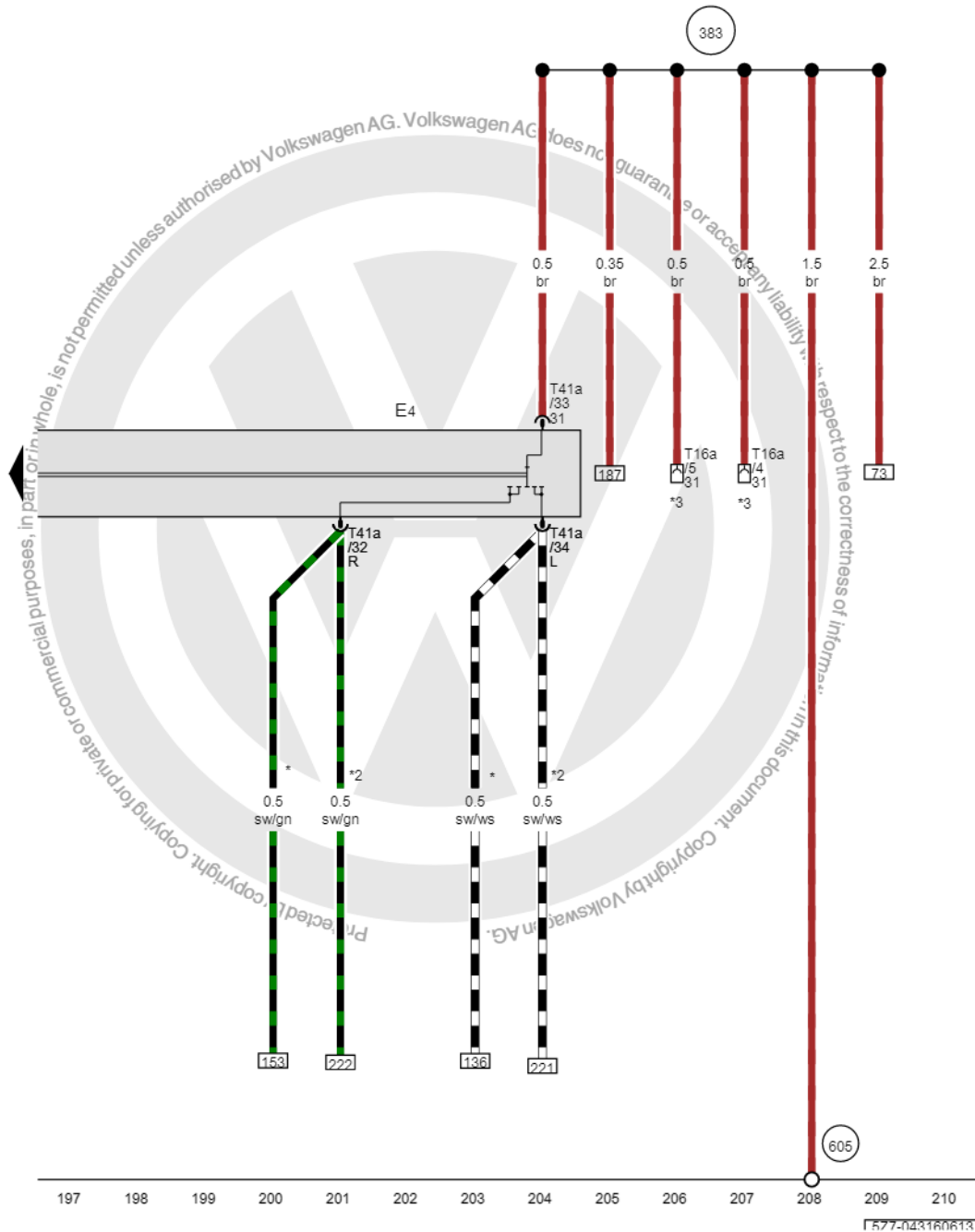
605 Earth point, on top end of steering column

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

\*3 Diagnostic connection

ws = white  
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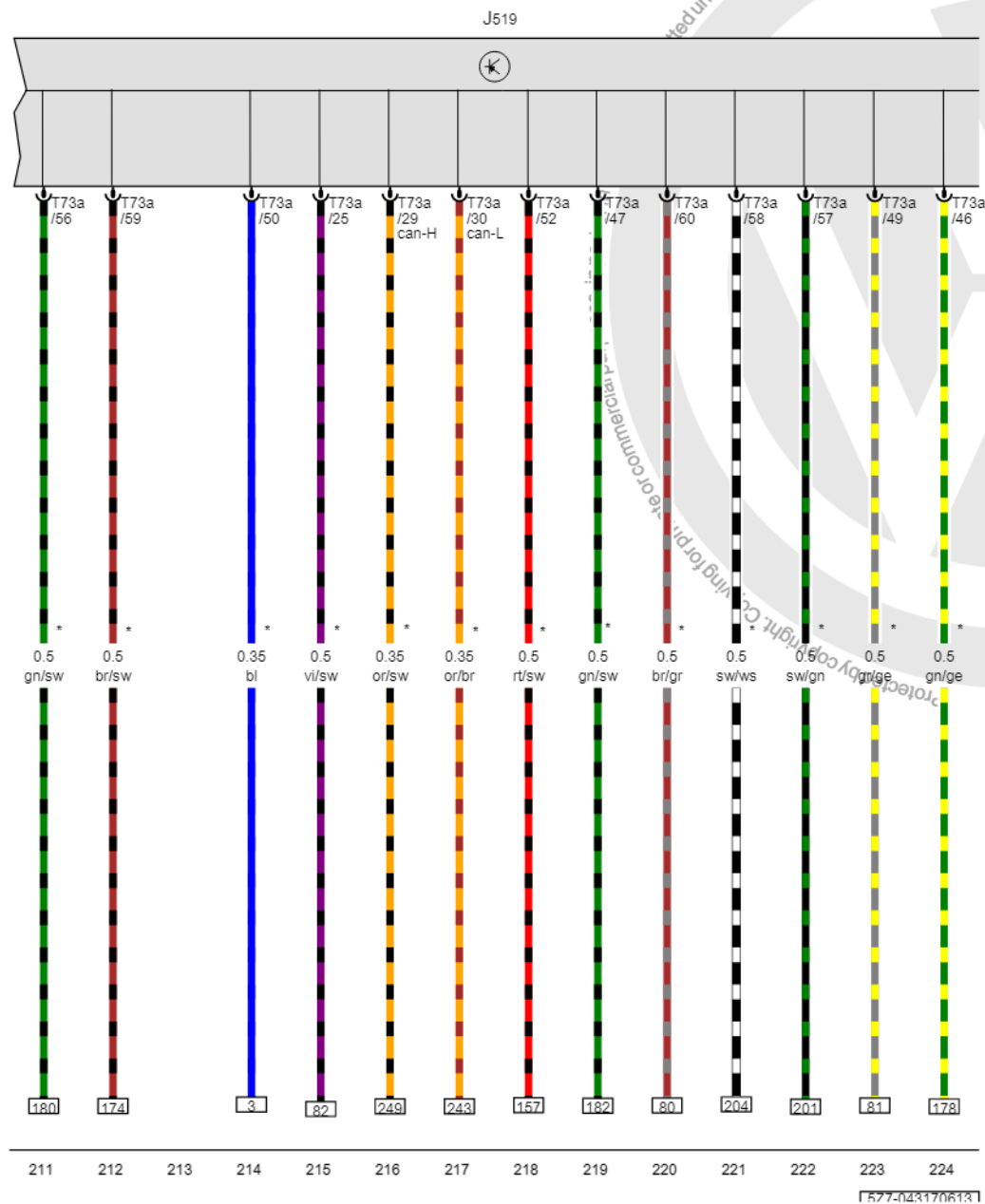


# Onboard supply control unit

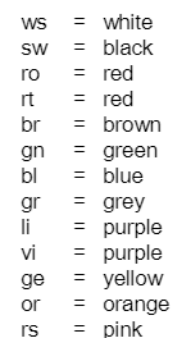
J519 Onboard supply control unit

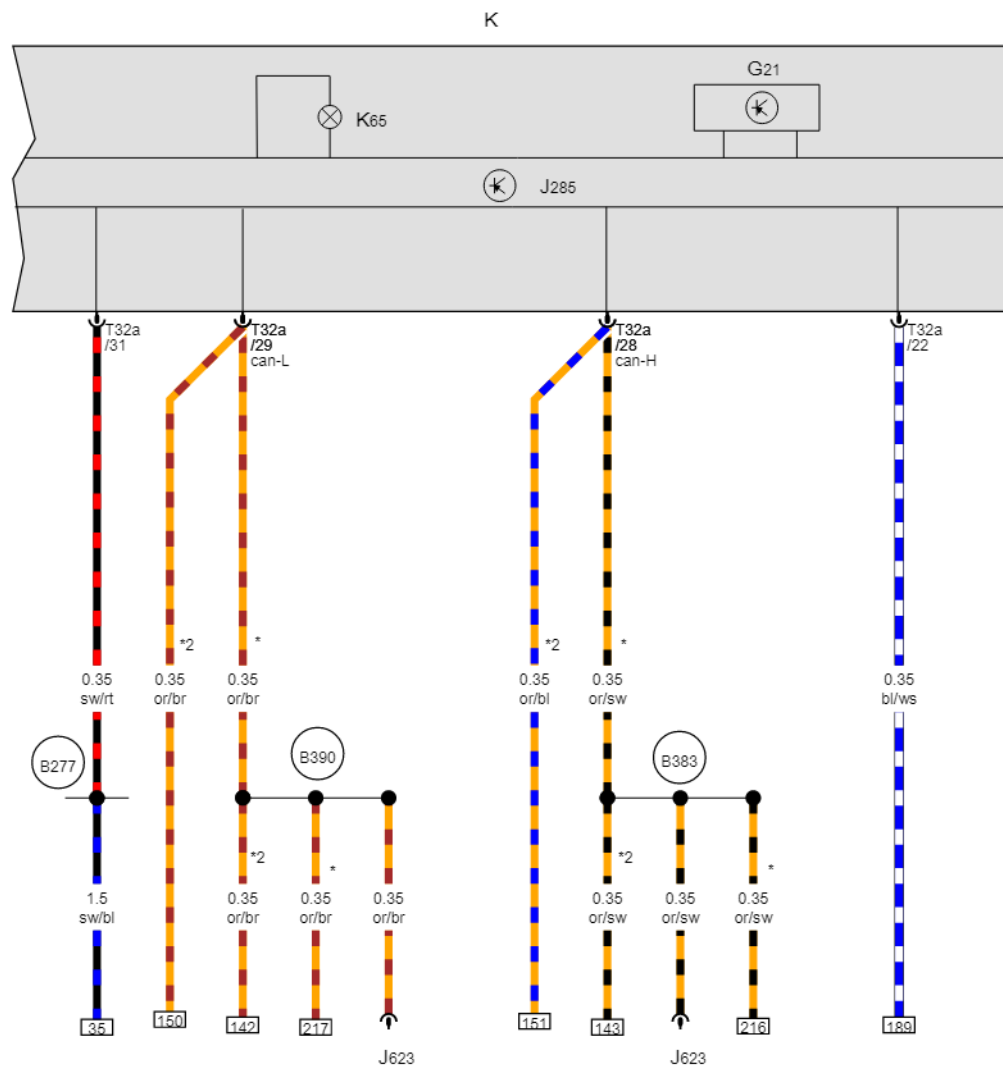
T73a 73-pin connector

\* Only models with onboard supply control unit BFM



J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
T73a	73-pin connector
*	Only models with onboard supply control unit BFM
*2	Only models with onboard supply control unit BCM





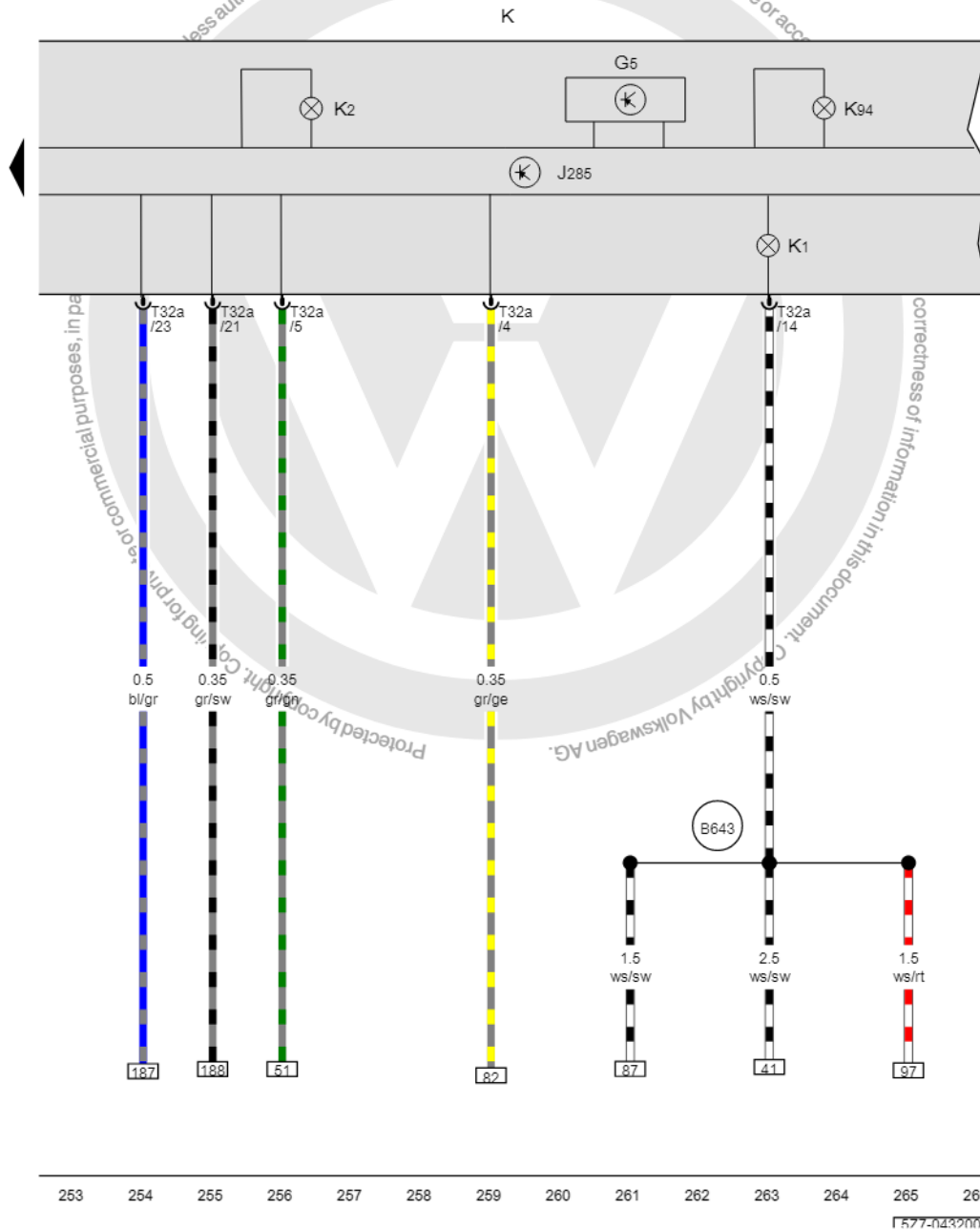
Speedometer, Control unit in dash panel insert, Dash panel insert, Left turn signal warning lamp

- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- T32a 32-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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 rs = pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Right turn signal warning lamp

- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K94 Right turn signal warning lamp
- T32a 32-pin connector
- B643 Connection 2 (56a), in main wiring harness





## Coming home

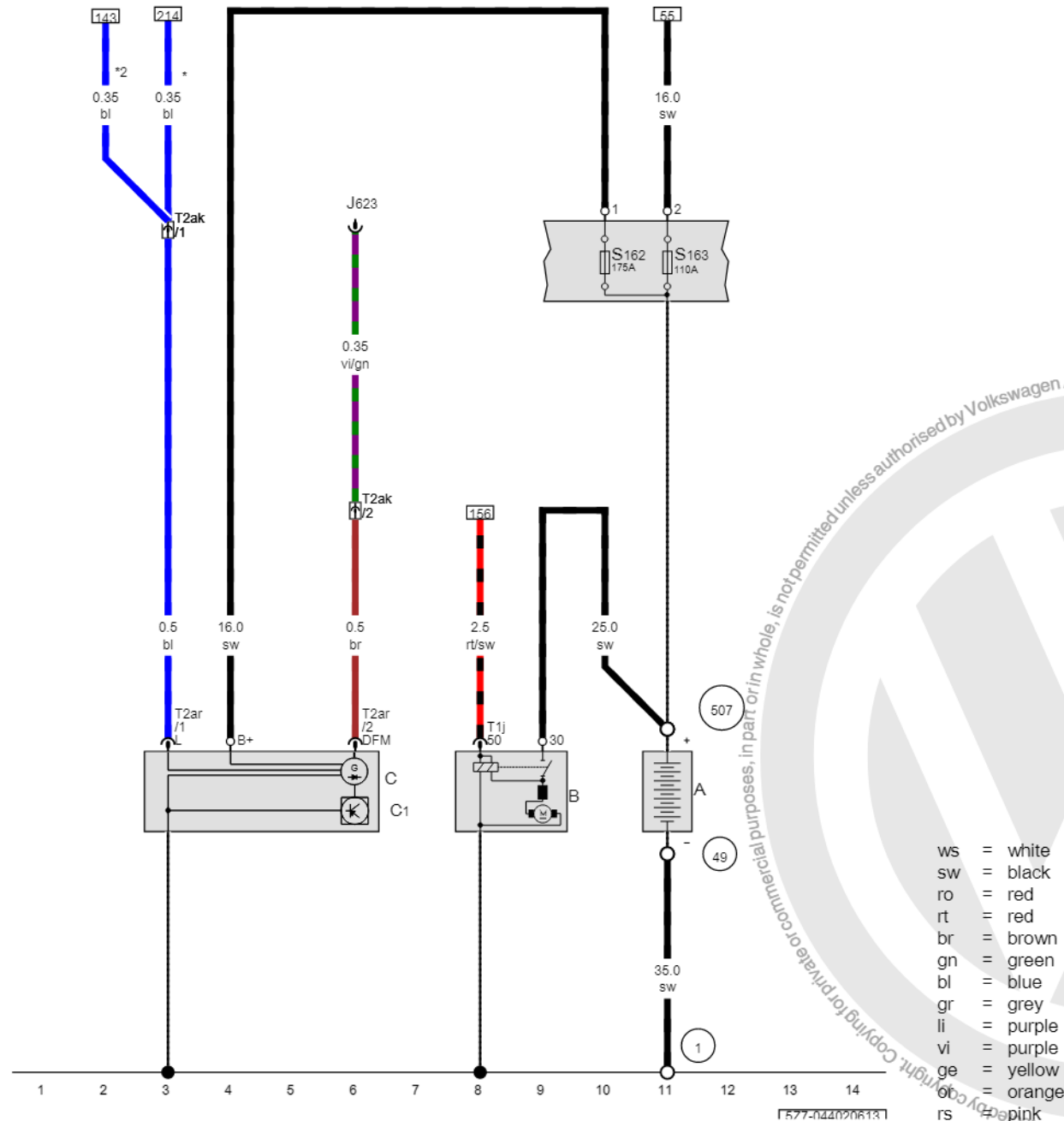
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



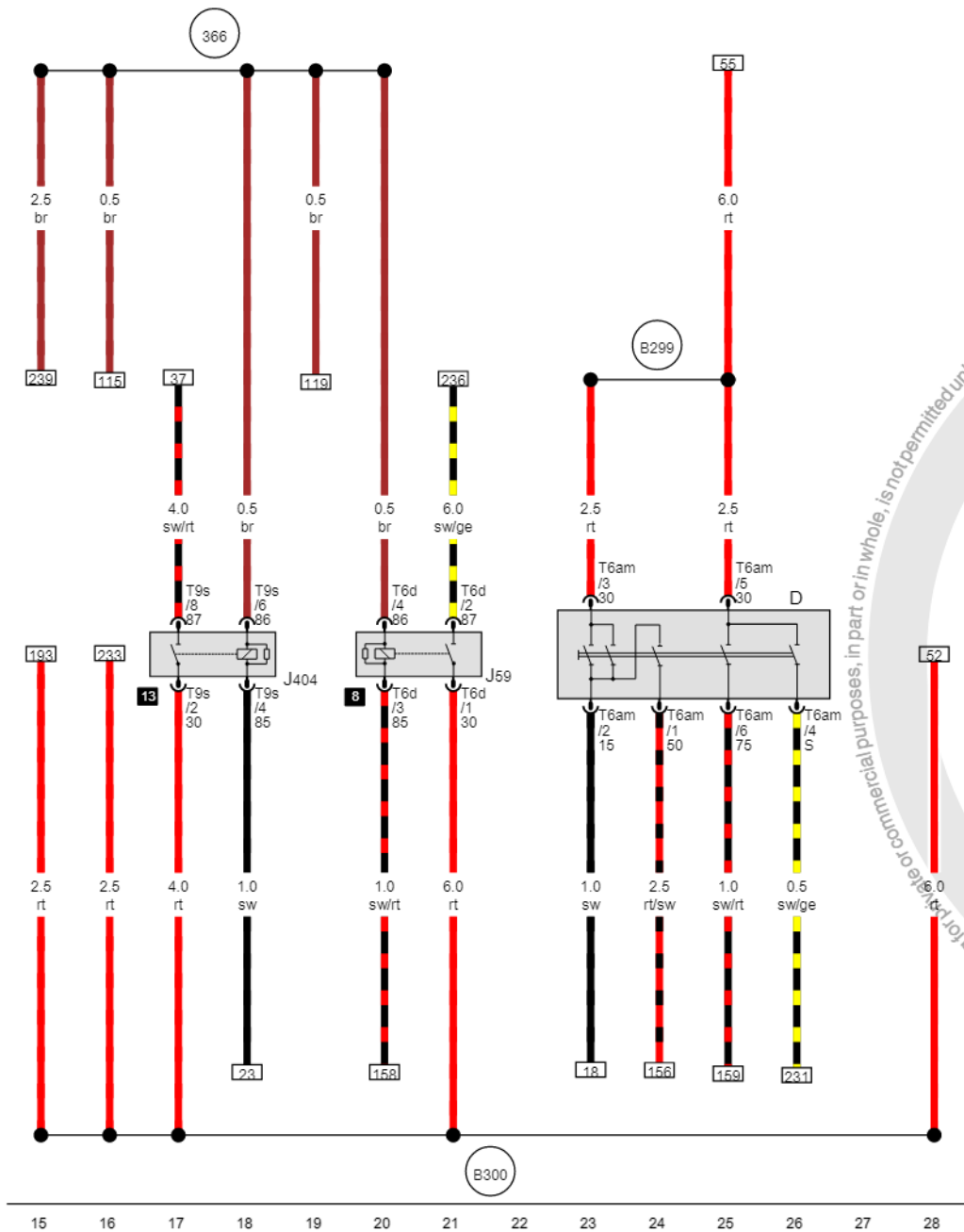
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

366 Earth connection 1, in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 26 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 47 on fuse holder B

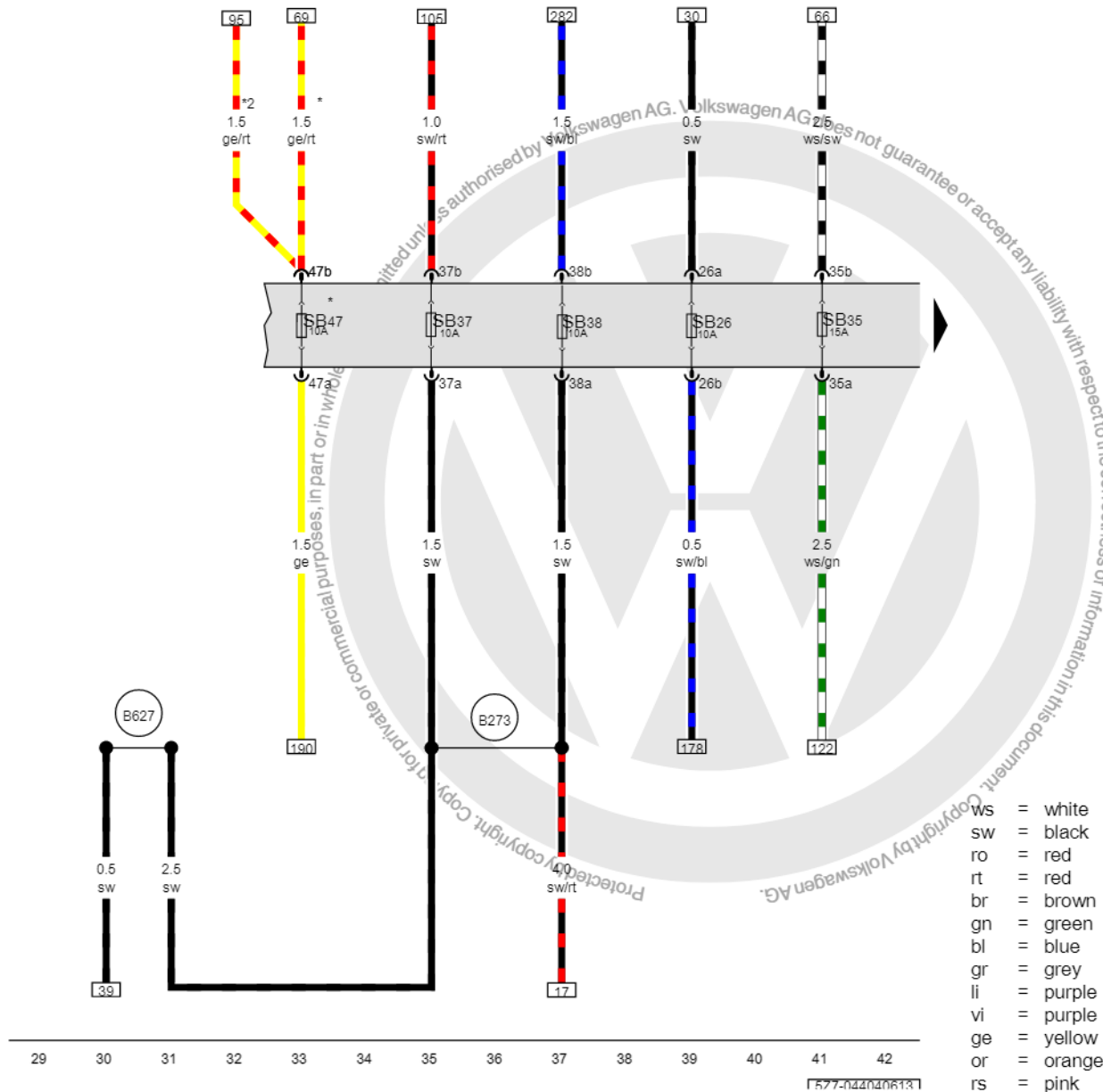
SB26 Fuse 26 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB37 Fuse 37 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB47 Fuse 47 on fuse holder B

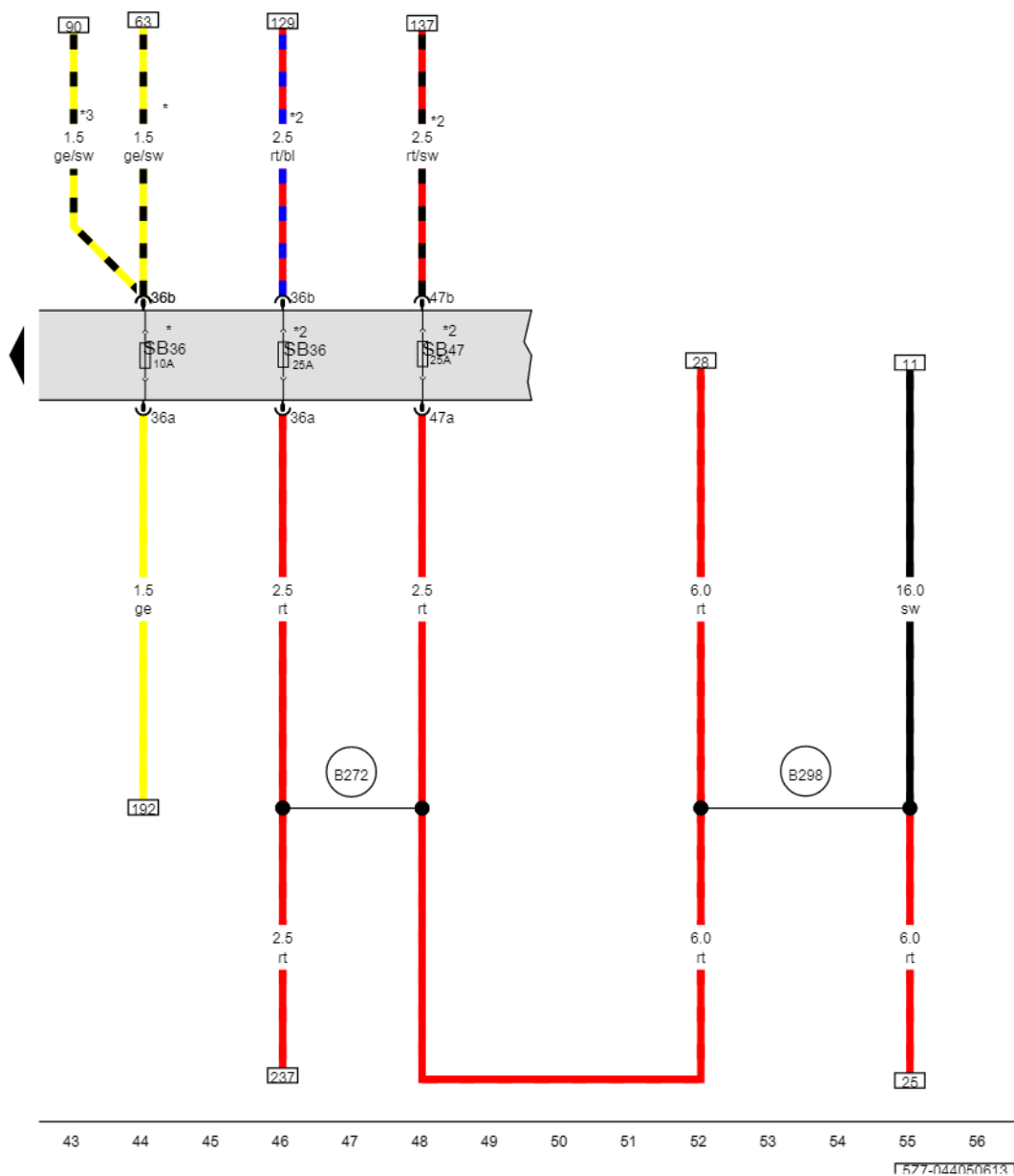
B273 Positive connection (15), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with dual headlights





Fuse 36 on fuse holder B, Fuse 47 on fuse holder B

SB36 Fuse 36 on fuse holder B

SB47 Fuse 47 on fuse holder B

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

\*3 Only models with dual headlights

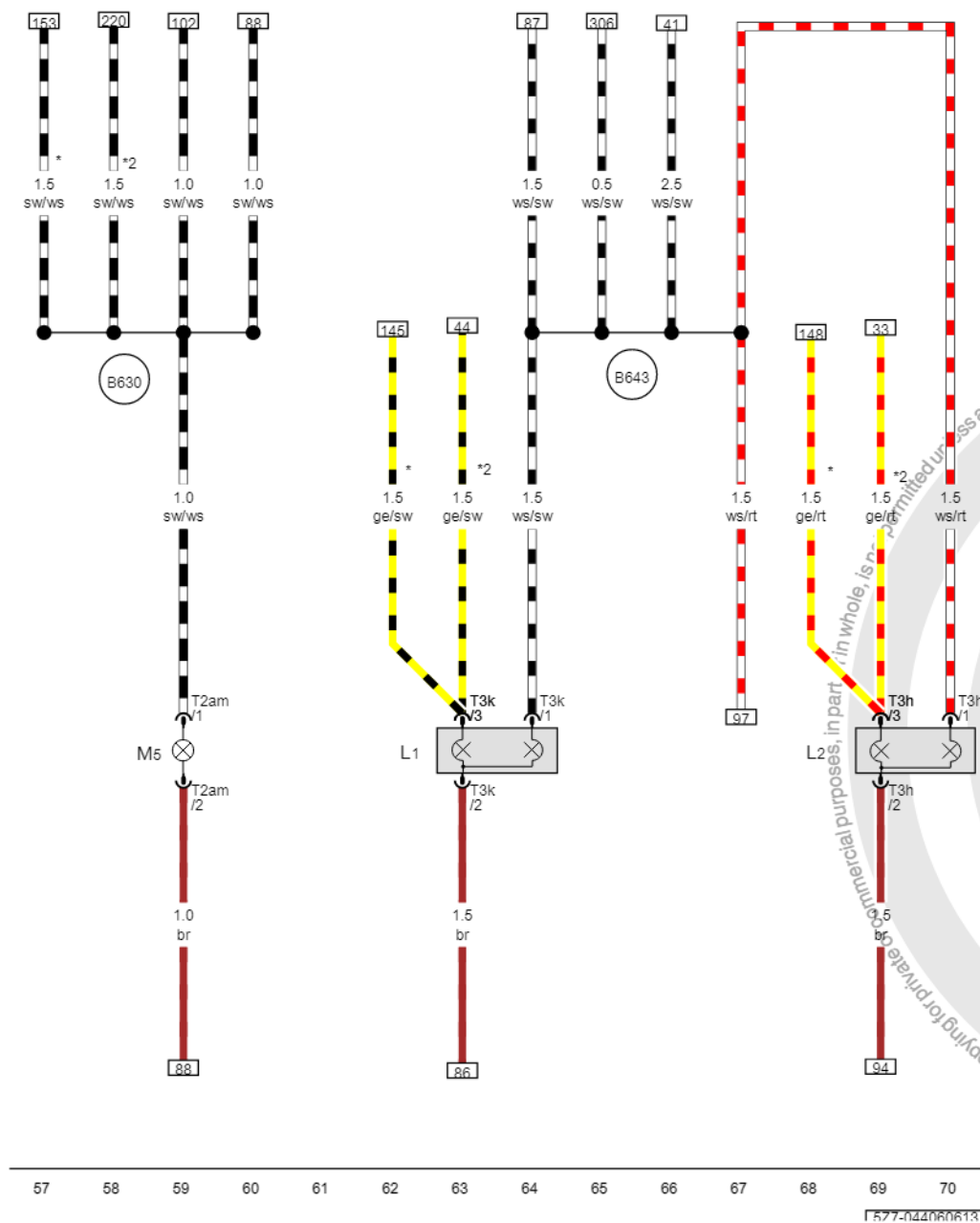
Left headlight twin filament bulb, Right headlight twin filament bulb, Front left turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M5 Front left turn signal bulb
- T2am 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

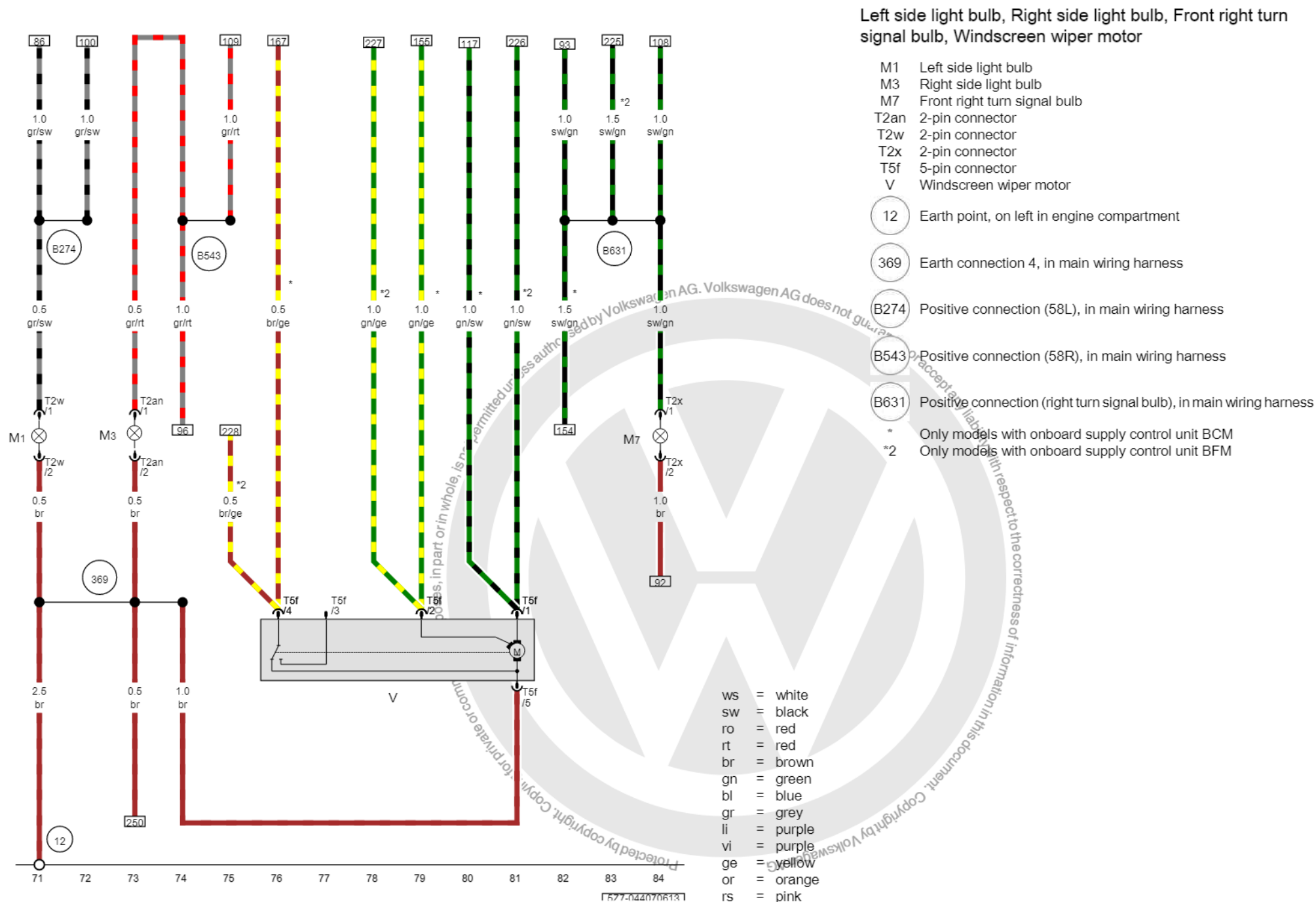
B630 Positive connection (left turn signal bulb), in main wiring harness

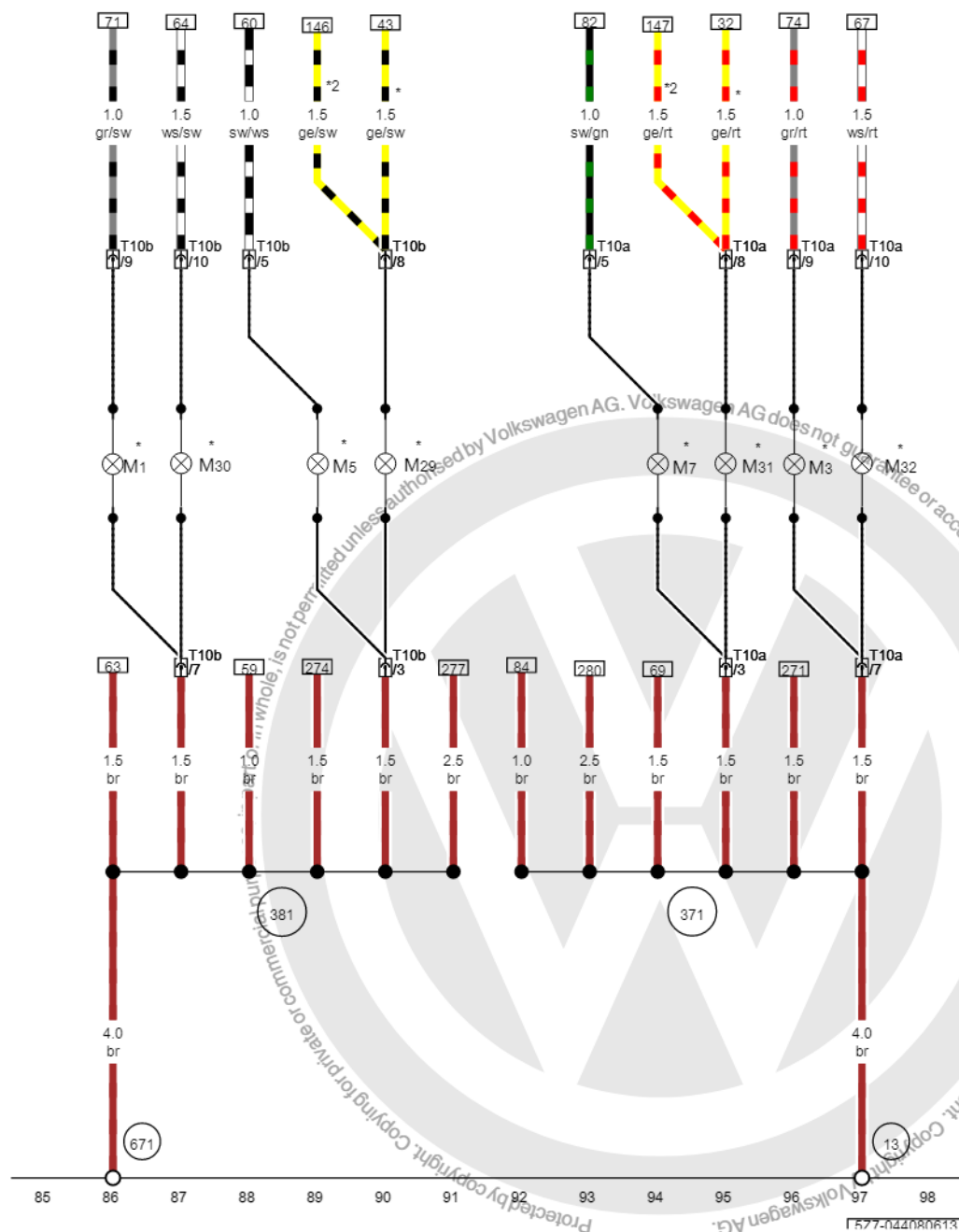
B643 Connection 2 (56a), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



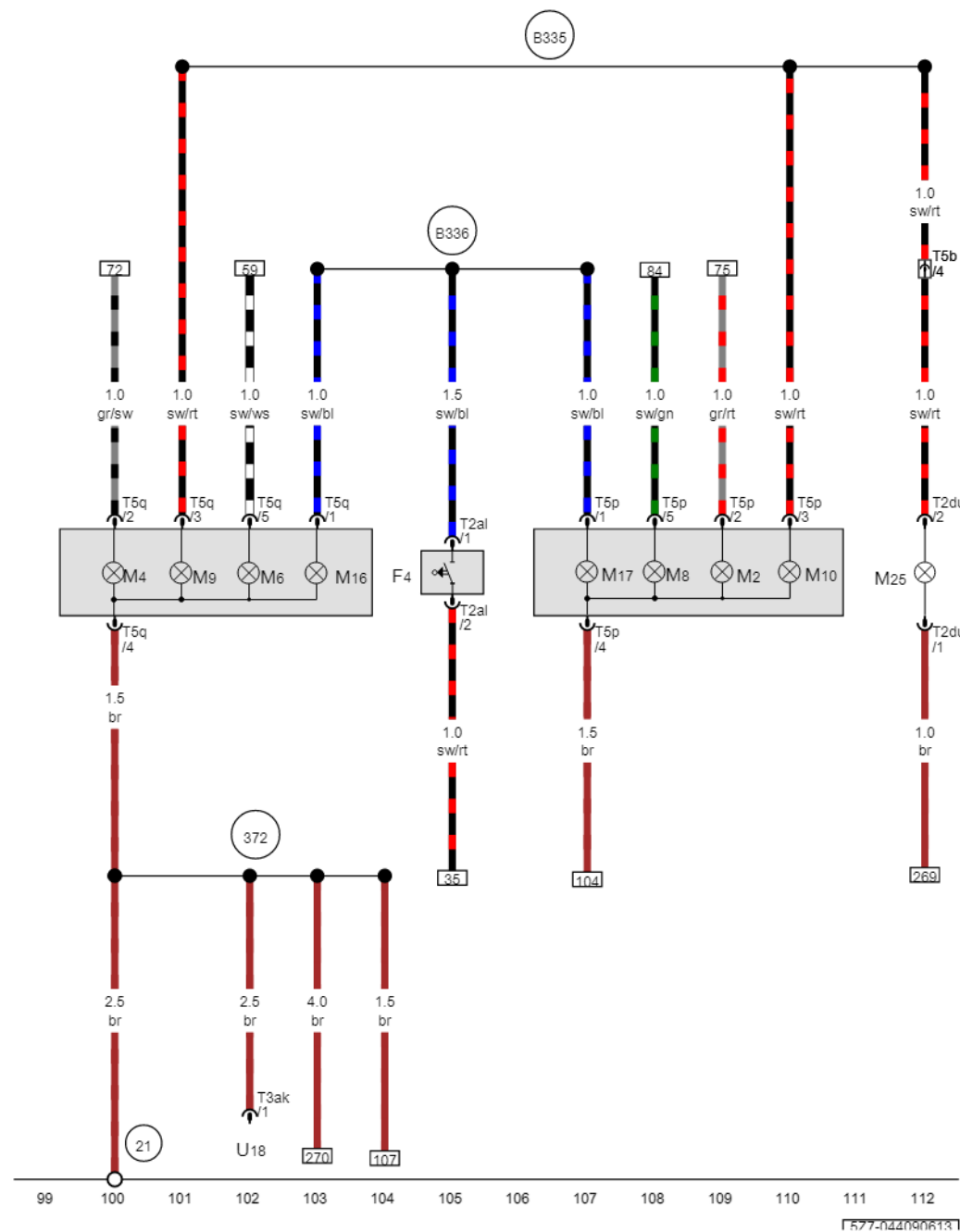


Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- \* Only models with dual headlights
- \*2 Only models with onboard supply control unit BCM

ws = white  
sw = black  
ro = red  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Reversing light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, Additional brake light bulb

- |      |  |
|------|--|
| F4   | Reversing light switch                                       |
| M2   | Right tail light bulb  |
| M4   | Left tail light bulb   |
| M6   | Rear left turn signal bulb                                   |
| M8   | Rear right turn signal bulb                                  |
| M9   | Left brake light bulb  |
| M10  | Right brake light bulb                                       |
| M16  | Left reversing light bulb                                    |
| M17  | Right reversing light bulb                                   |
| M25  | Additional brake light bulb                                  |
| T2a1 | 2-pin connector  |
| T2du | 2-pin connector  |
| T3ak | 3-pin connector  |
| T5b  | 5-pin connector, behind rear left side trim, near wheel arch |
| T5p  | 5-pin connector  |
| T5q  | 5-pin connector  |
| U18  | 12 V socket 2  |
| 21   | Earth point, near fuel pump                                  |
| 372  | Earth connection 7, in main wiring harness                   |
| B335 | Connection 1 (54), in main wiring harness                    |
| B336 | Connection 2 (54), in main wiring harness                    |

Headlight main beam relay, Onboard supply control unit,  
Headlight main beam relay 2

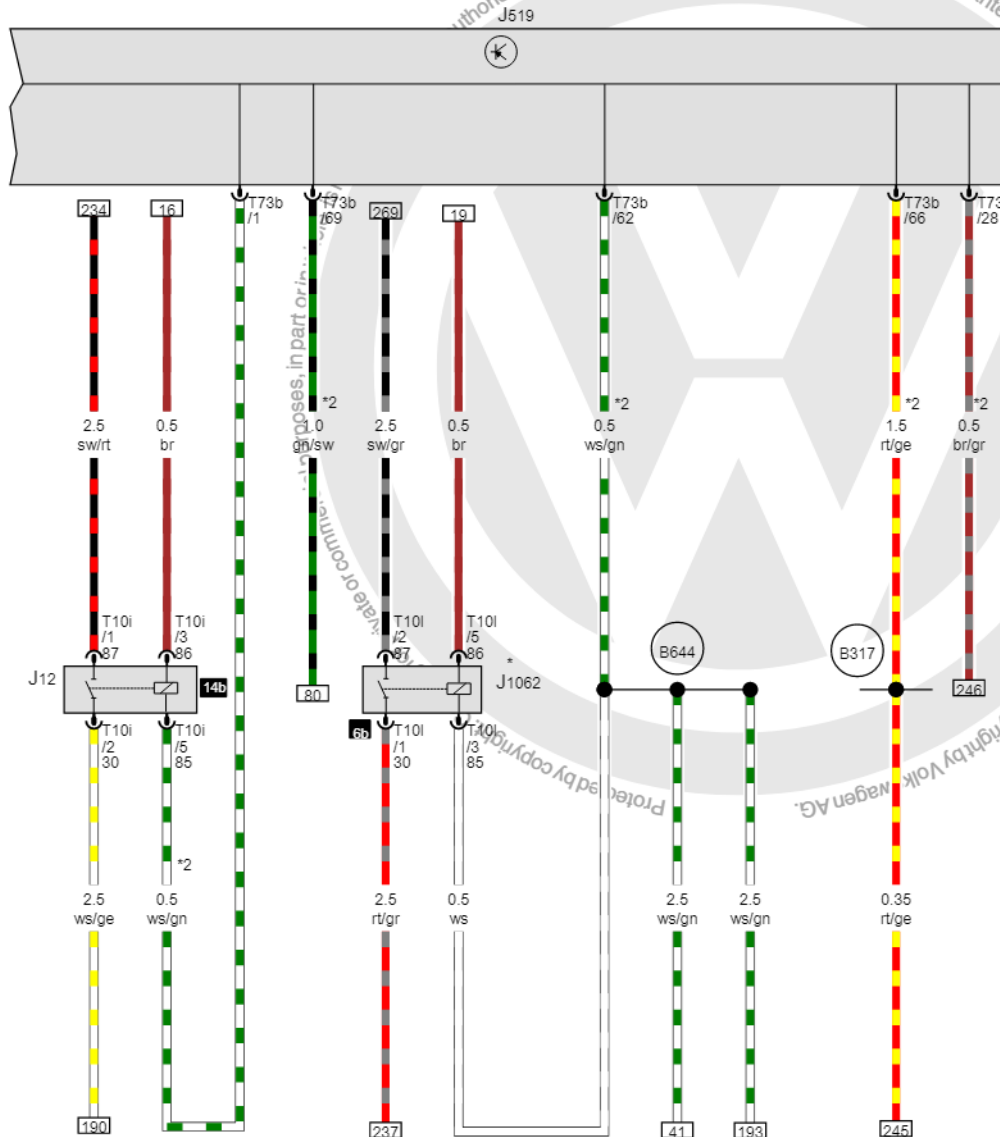
- J12 Headlight main beam relay
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T10i 10-pin connector
- T10l 10-pin connector
- T73b 73-pin connector

B317 Positive connection 3 (30a) in main wiring harness

B644 Connection 3 (56a), in main wiring harness

\* Only CROSS models

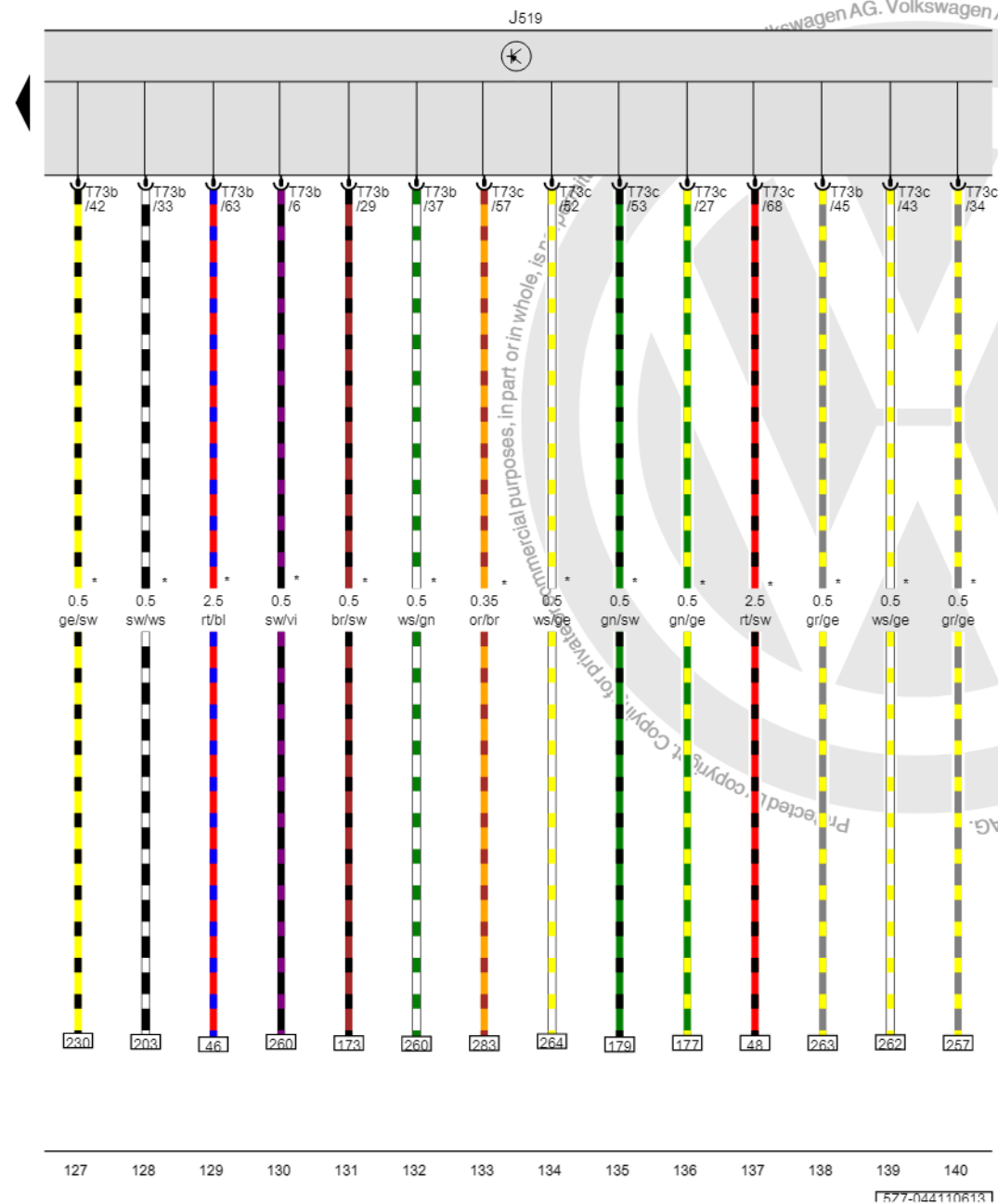
\*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit

- J519 Onboard supply control unit  
 T73b 73-pin connector  
 T73c 73-pin connector  
 \* Only models with onboard supply control unit BCM



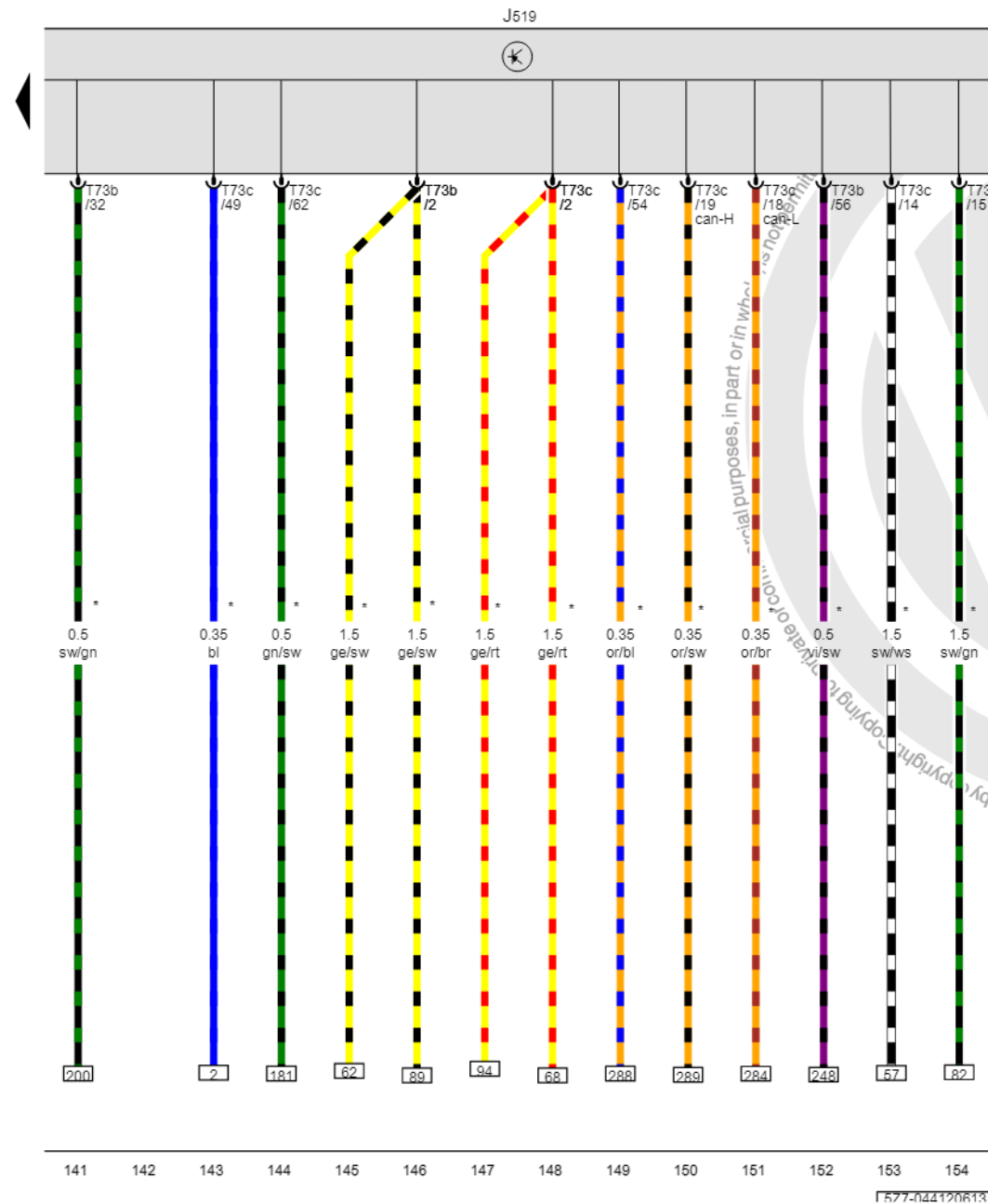
Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

\* Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
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- bl = blue
- gr = grey
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- rs = pink

# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

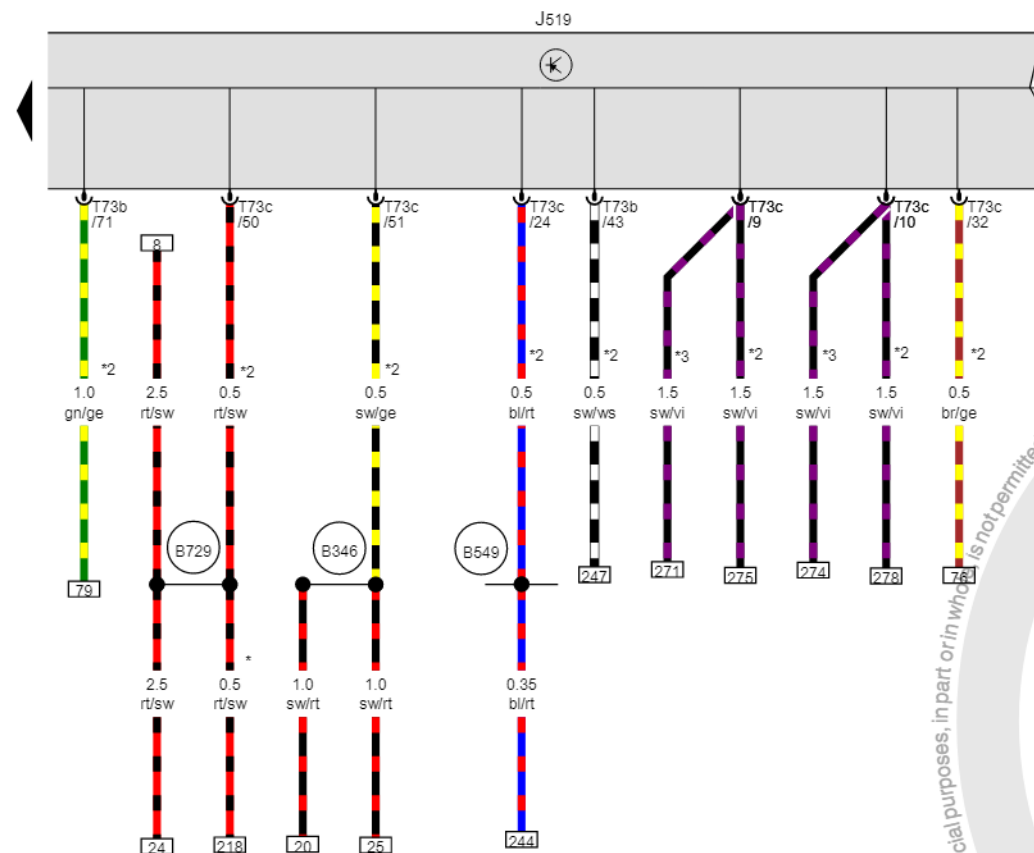
B549 Connection 2 (LIN bus) in main wiring harness

B729 Connection 1 (50), in main wiring harness

\*1 Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

\*3 Only CROSS models



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

1577-042130613

Intermittent wiper switch, Airbag coil connector and return ring with slip ring, Windscreen and rear window washer pump

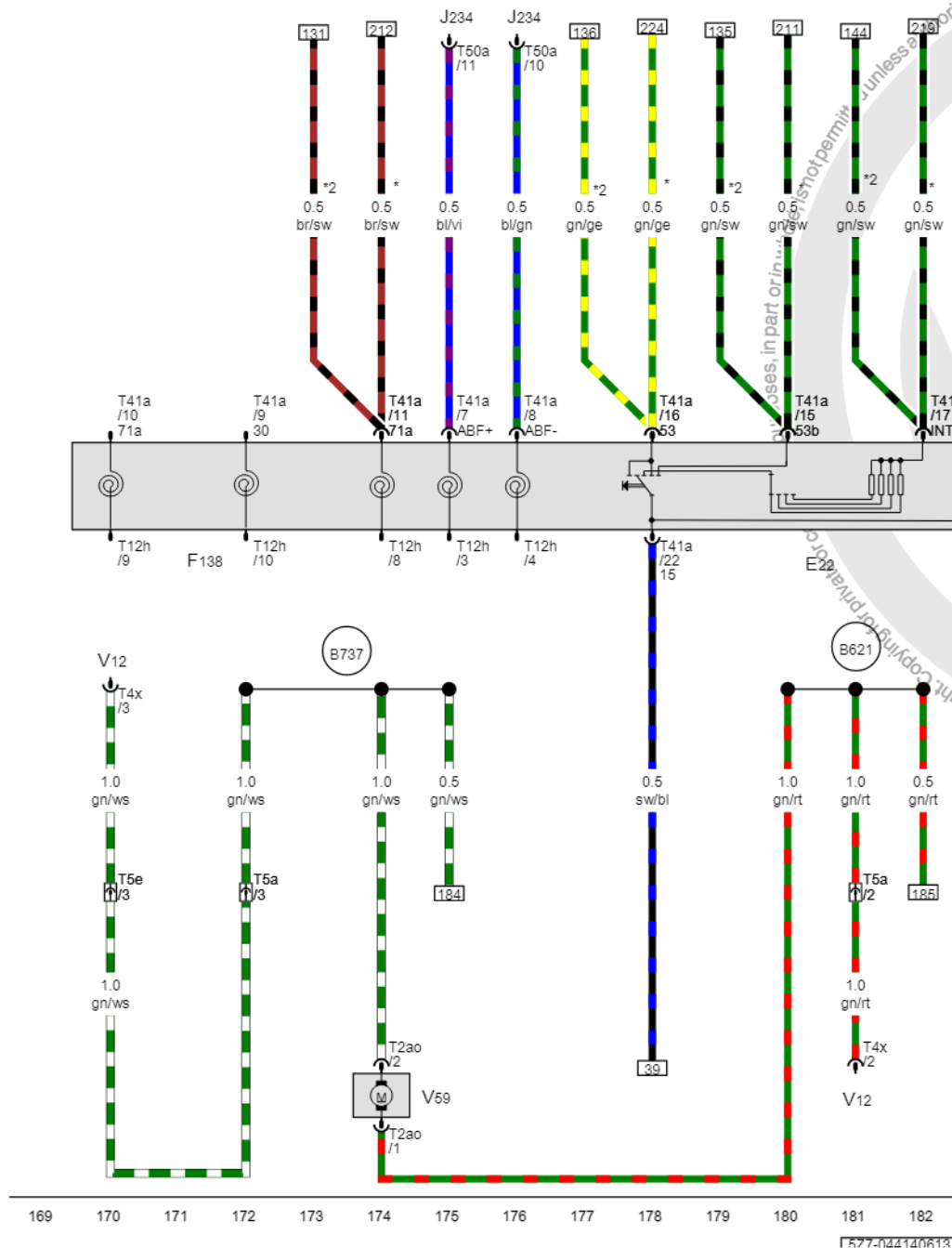
- E22 Intermittent wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- T2ao 2-pin connector
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T5e 5-pin connector, in rear lid, near wiper motor
- T41a 41-pin connector
- T50a 50-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

B621 Connection 1 (53c), in main wiring harness

B737 Connection 2 (53c), in main wiring harness

\* Only models with onboard supply control unit BFM

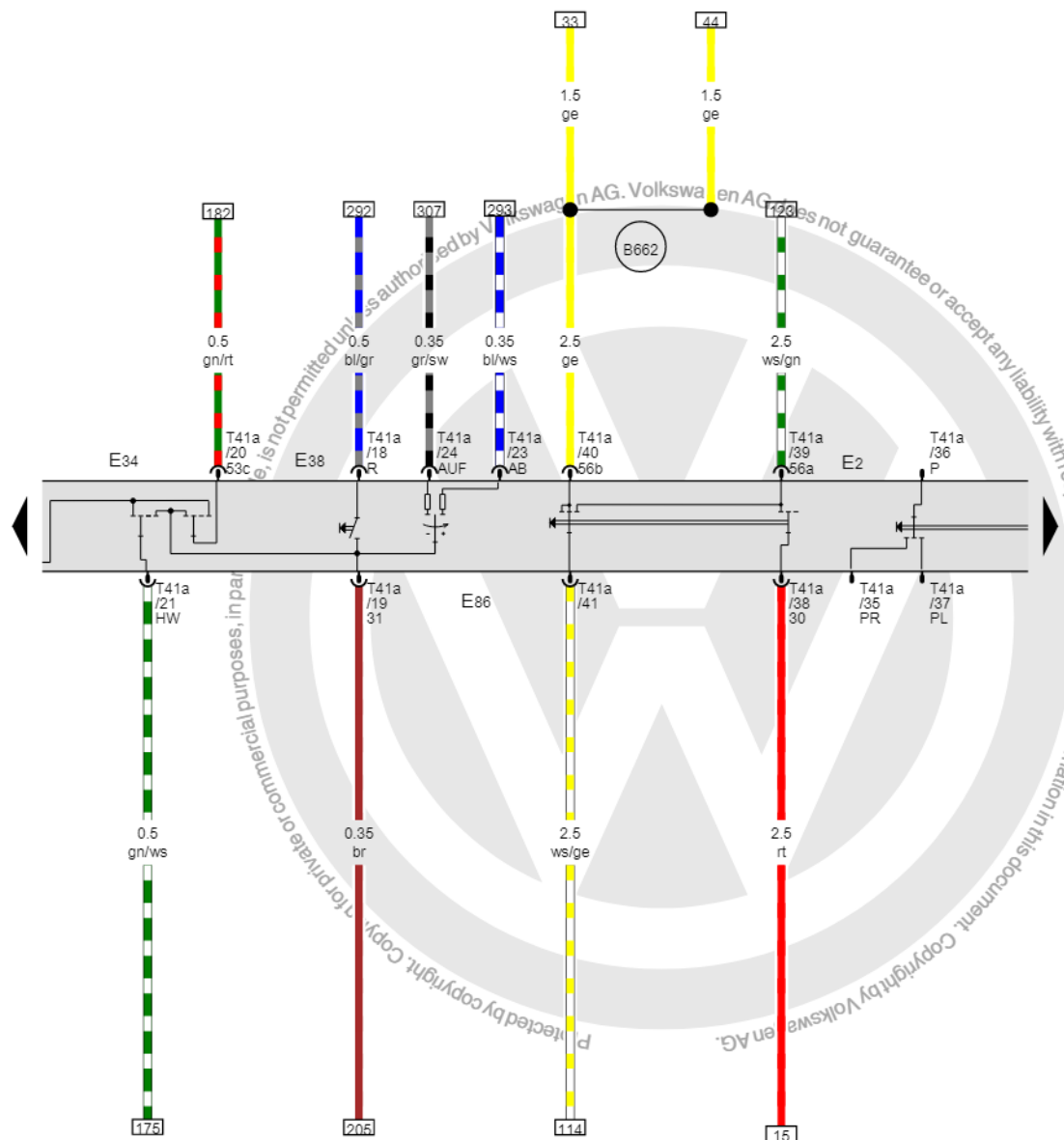
\*2 Only models with onboard supply control unit BCM



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Turn signal switch, Rear wiper switch, Intermittent wiper regulator, Multifunction display call-up button

- E2 Turn signal switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- T41a 41-pin connector
- B662 Connection 2 (56b), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

1577-042150613

# Headlight dipper and flasher switch

E4 Headlight dipper and flasher switch  
T16a 16-pin connector  
T41a 41-pin connector

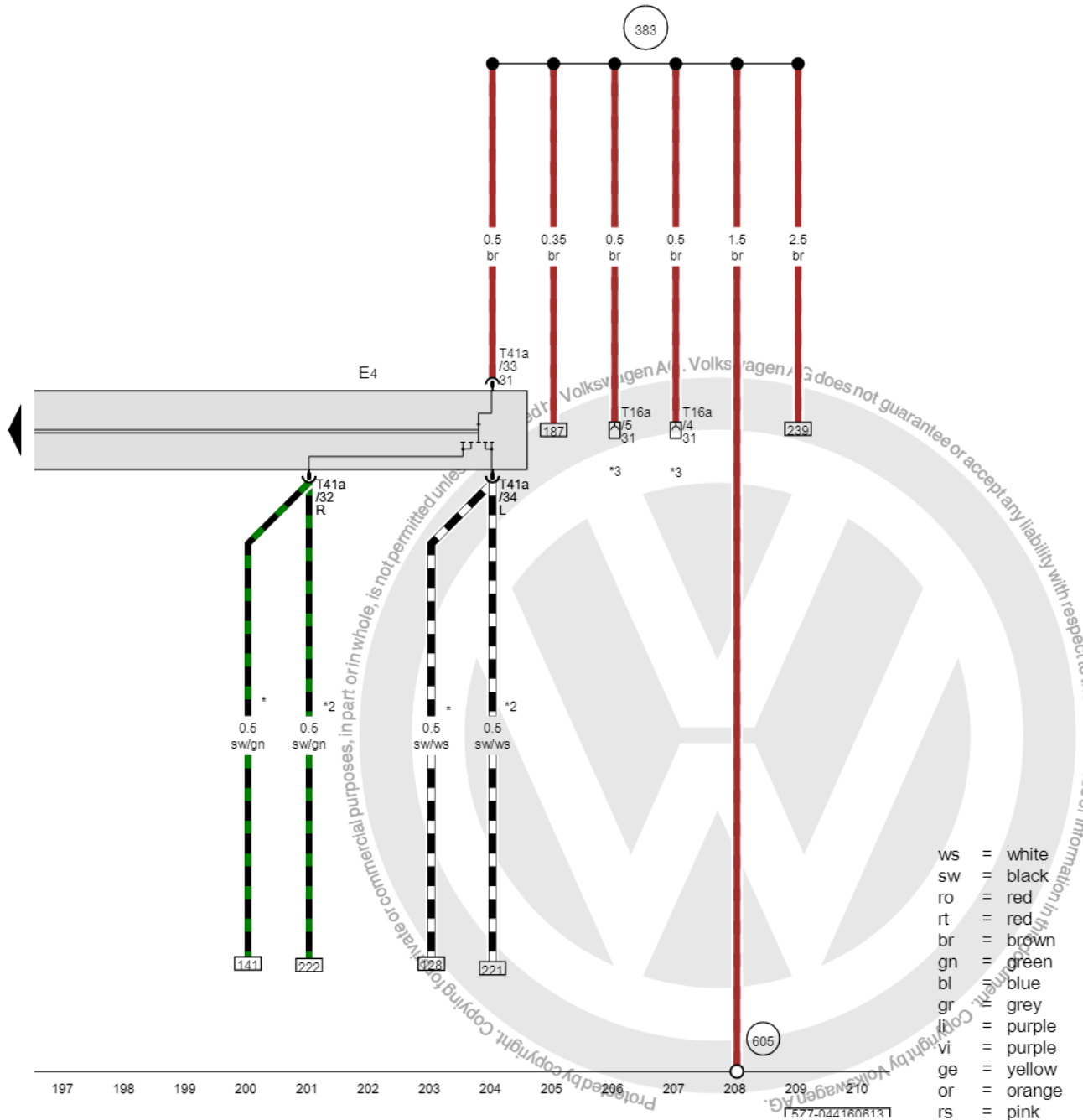
383 Earth connection 18, in main wiring harness

605 Earth point, on top end of steering column

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

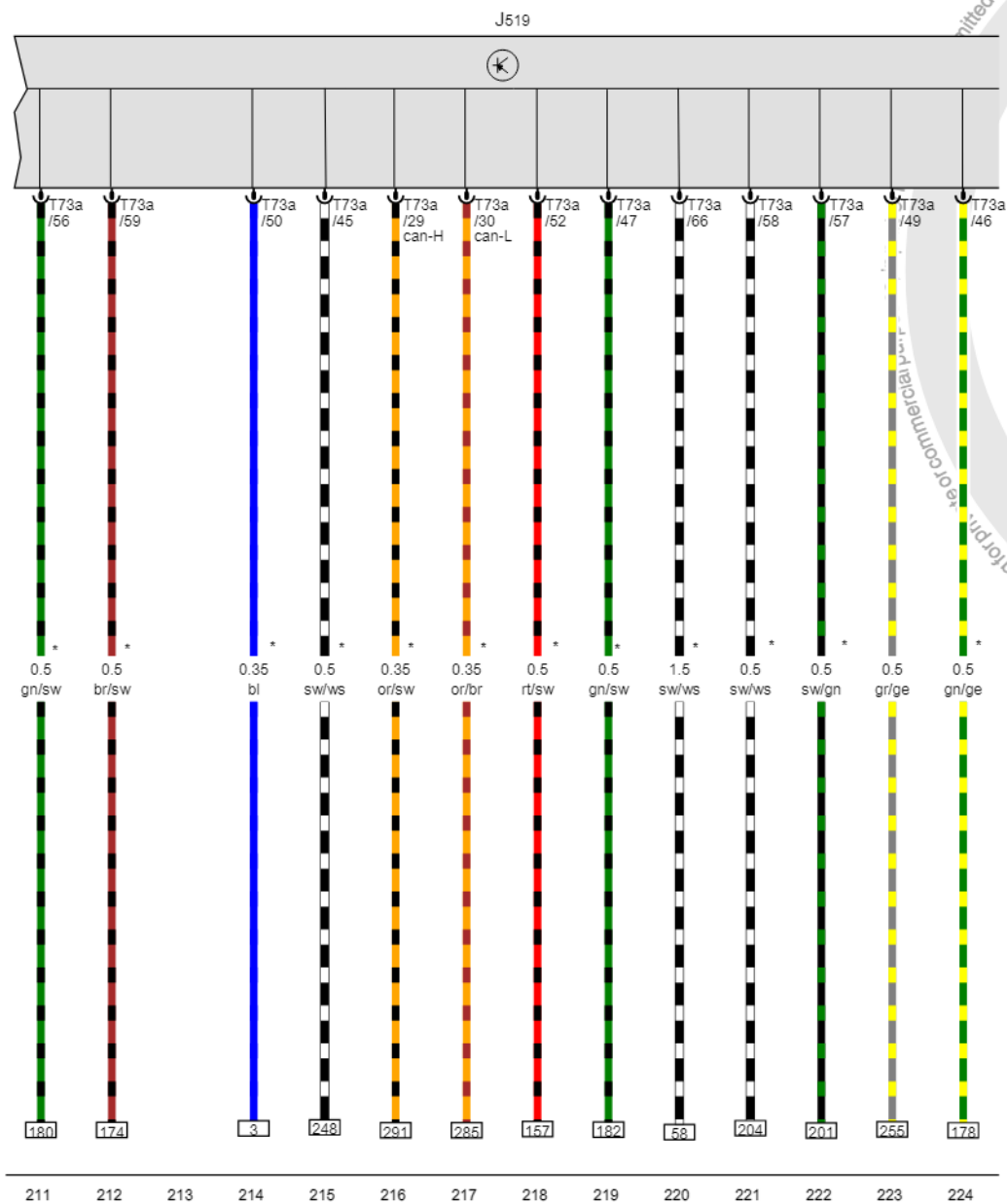
\*3 Diagnostic connection



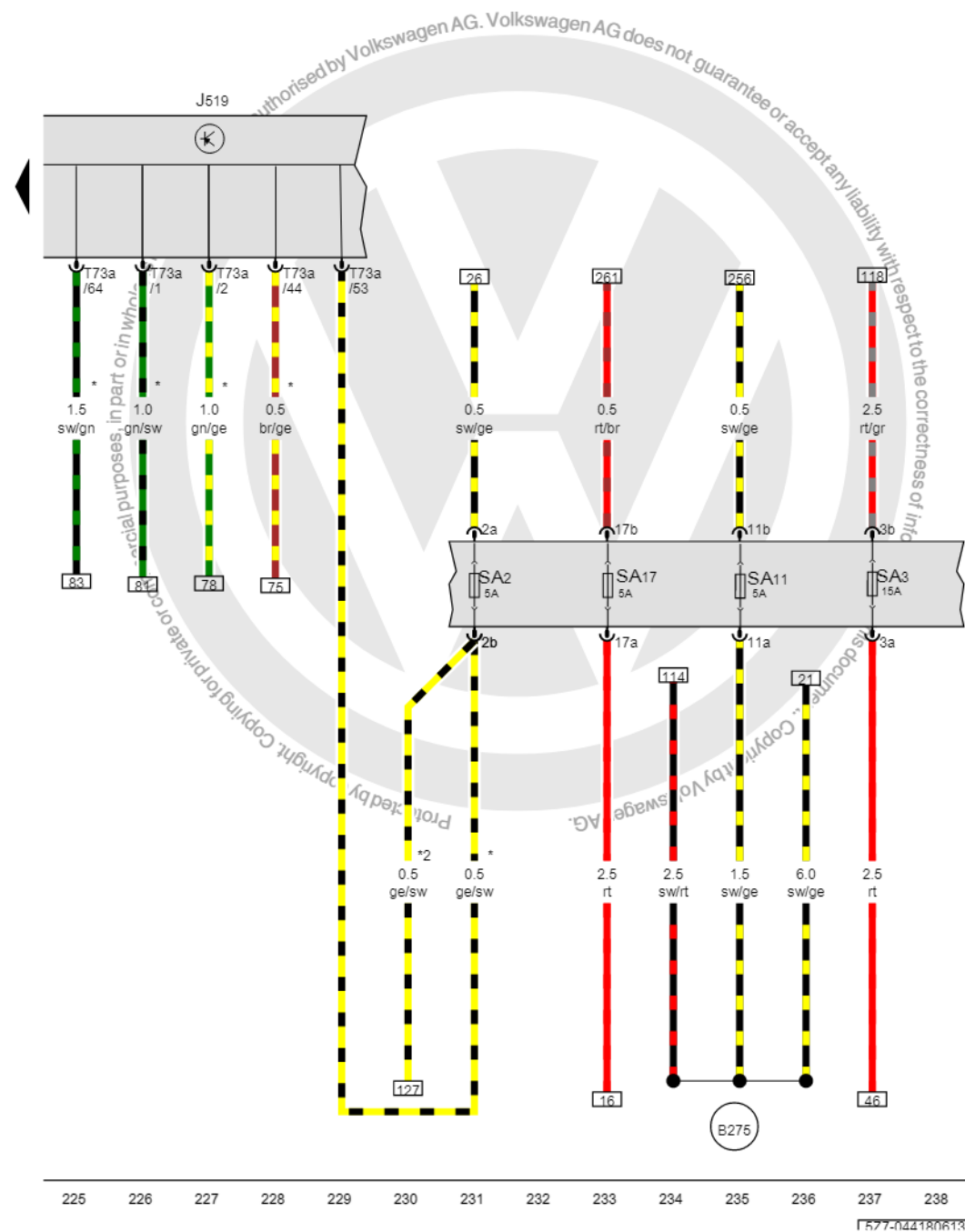


# Onboard supply control unit

- J519 Onboard supply control unit
- T73a 73-pin connector
- \* Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



### Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- SA11 Fuse 11 in fuse holder A
- SA17 Fuse 17 in fuse holder A
- T73a 73-pin connector

B275 Positive connection (87), in main wiring harness

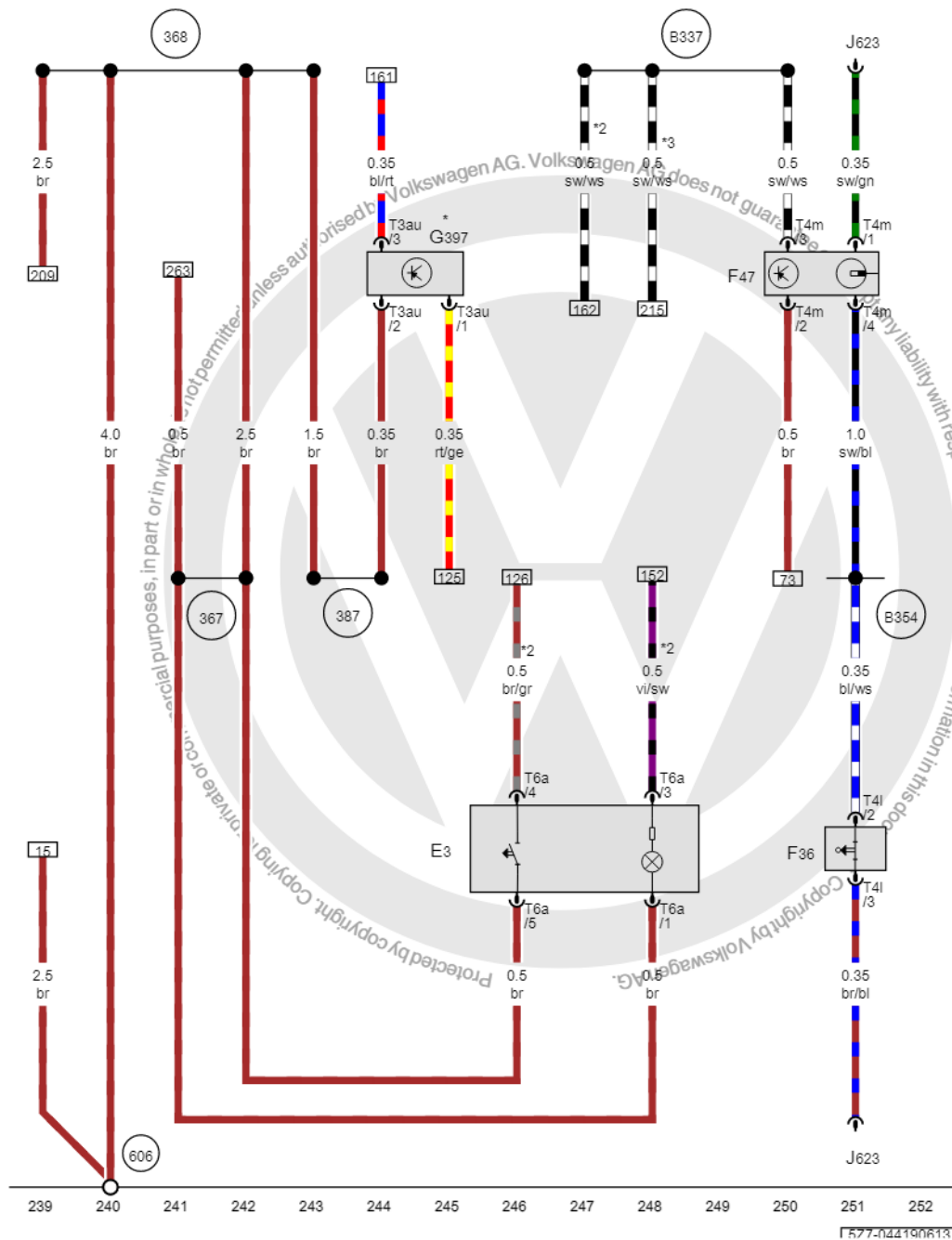
\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

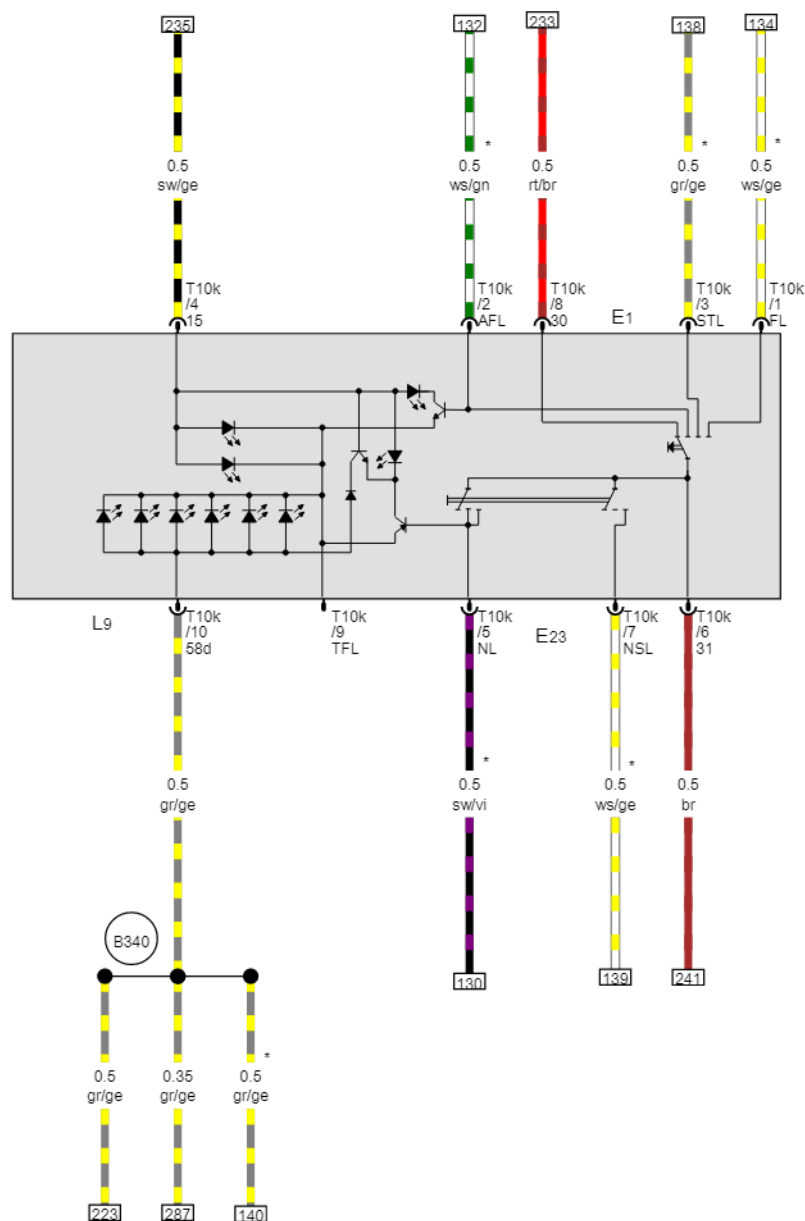
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Hazard warning light switch, Clutch pedal switch, Brake pedal switch, Rain and light sensor

- E3 Hazard warning light switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- G397 Rain and light sensor
- J623 Engine control unit
- T3au 3-pin connector
- T4l 4-pin connector
- T4m 4-pin connector
- T6a 6-pin connector
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B337 Connection 3 (54), in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- \* Only models with automatic anti-dazzle interior mirror
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM



ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Light switch, Front and rear fog light switch, Light switch illumination bulb

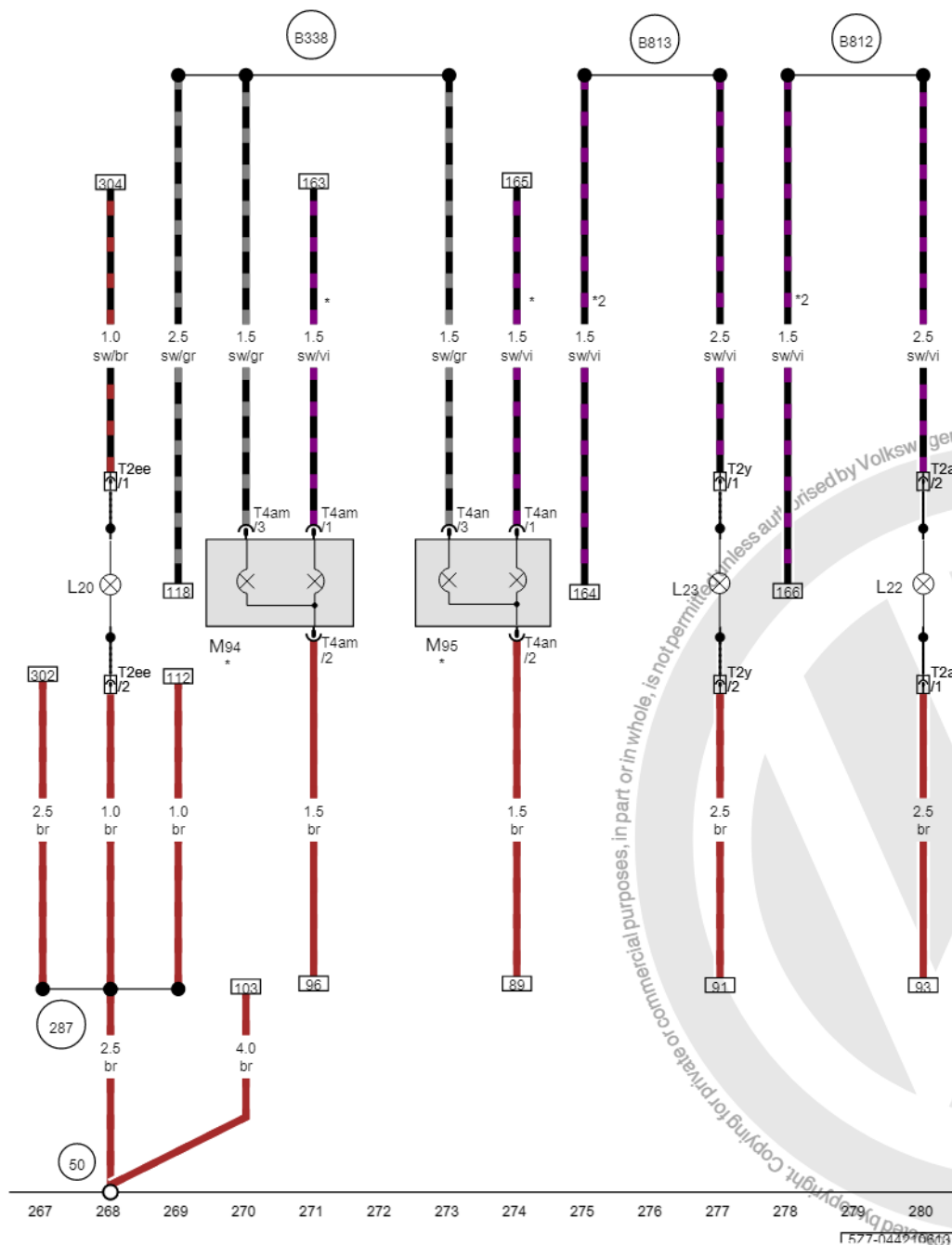
- E1 Light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T10k 10-pin connector
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rear fog light bulb, Left fog light bulb, Right fog light bulb,  
Left main beam headlight and fog light bulb, Right main  
beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2ee 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

- 50 Earth point, on left in luggage compartment
- 287 Earth connection, in rear lid feeder wiring harness
- B338 Connection 1 (56), in main wiring harness
- B812 Connection 2 (fog light), in main wiring harness
- B813 Connection 3 (fog light), in main wiring harness
- \* Only CROSS models
- \*2 Only models with onboard supply control unit BCM

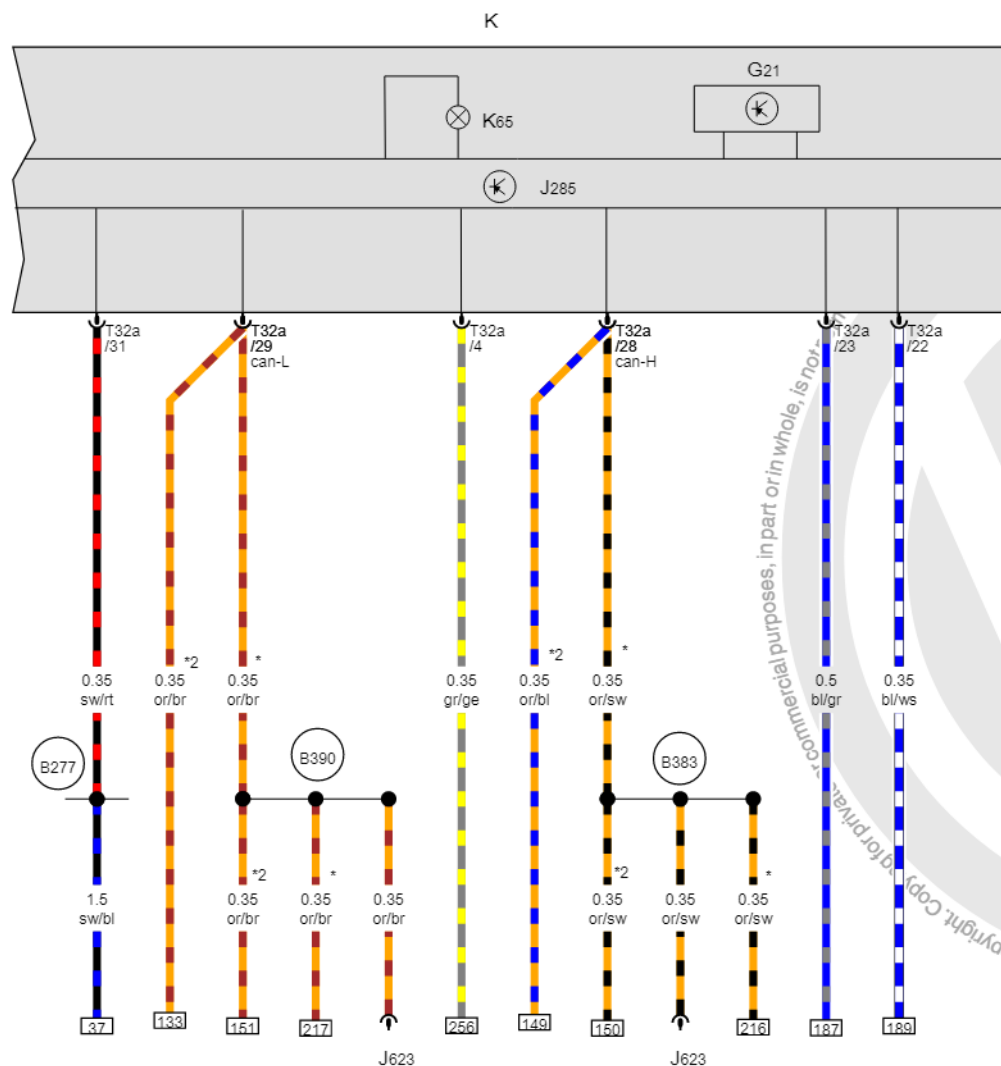


Speedometer, Control unit in dash panel insert, Dash panel insert, Left turn signal warning lamp

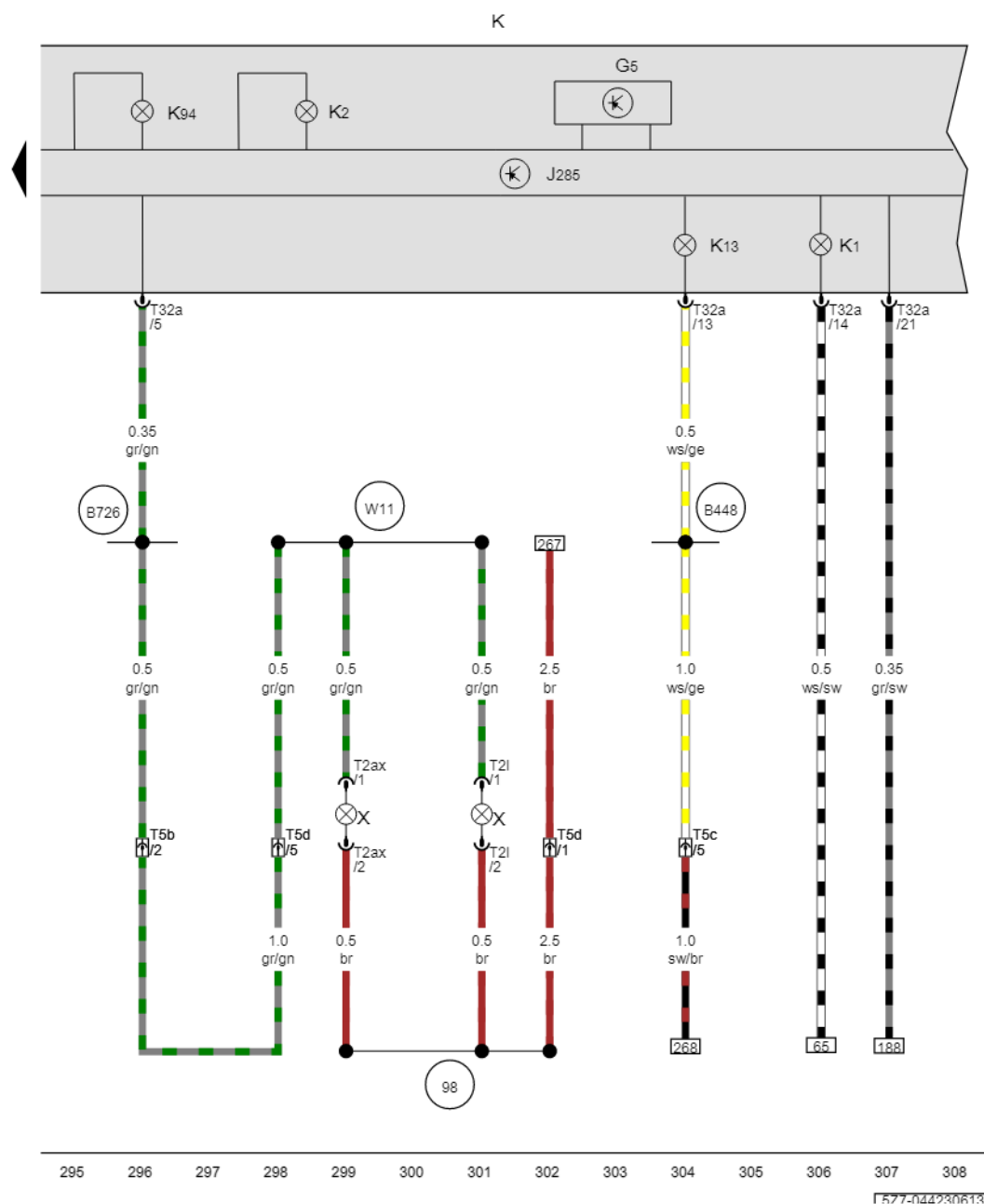
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- T32a 32-pin connector

- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Rear fog light warning lamp, Right turn signal warning lamp, Number plate light

- |      |  |
|------|--|
| G5   | Rev. counter   |
| J285 | Control unit in dash panel insert                            |
| K    | Dash panel insert  |
| K1   | Main beam warning lamp                                       |
| K2   | Alternator warning lamp                                      |
| K13  | Rear fog light warning lamp                                  |
| K94  | Right turn signal warning lamp                               |
| T2ax | 2-pin connector  |
| T2l  | 2-pin connector  |
| T5b  | 5-pin connector, behind rear left side trim, near wheel arch |
| T5c  | 5-pin connector, behind rear left side trim, near wheel arch |
| T5d  | 5-pin connector, in rear lid, near wiper motor               |
| T32a | 32-pin connector   |
| X    | Number plate light   |

- |      |   |
|------|---|
| 98   | Earth connection, in rear lid wiring harness        |
| B448 | Connection (rear fog light), in main wiring harness |
| B726 | Positive connection 2 (58), in main wiring harness  |
| W11  | Connection (58), in rear lid wiring harness         |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

## Radio

From April 2013



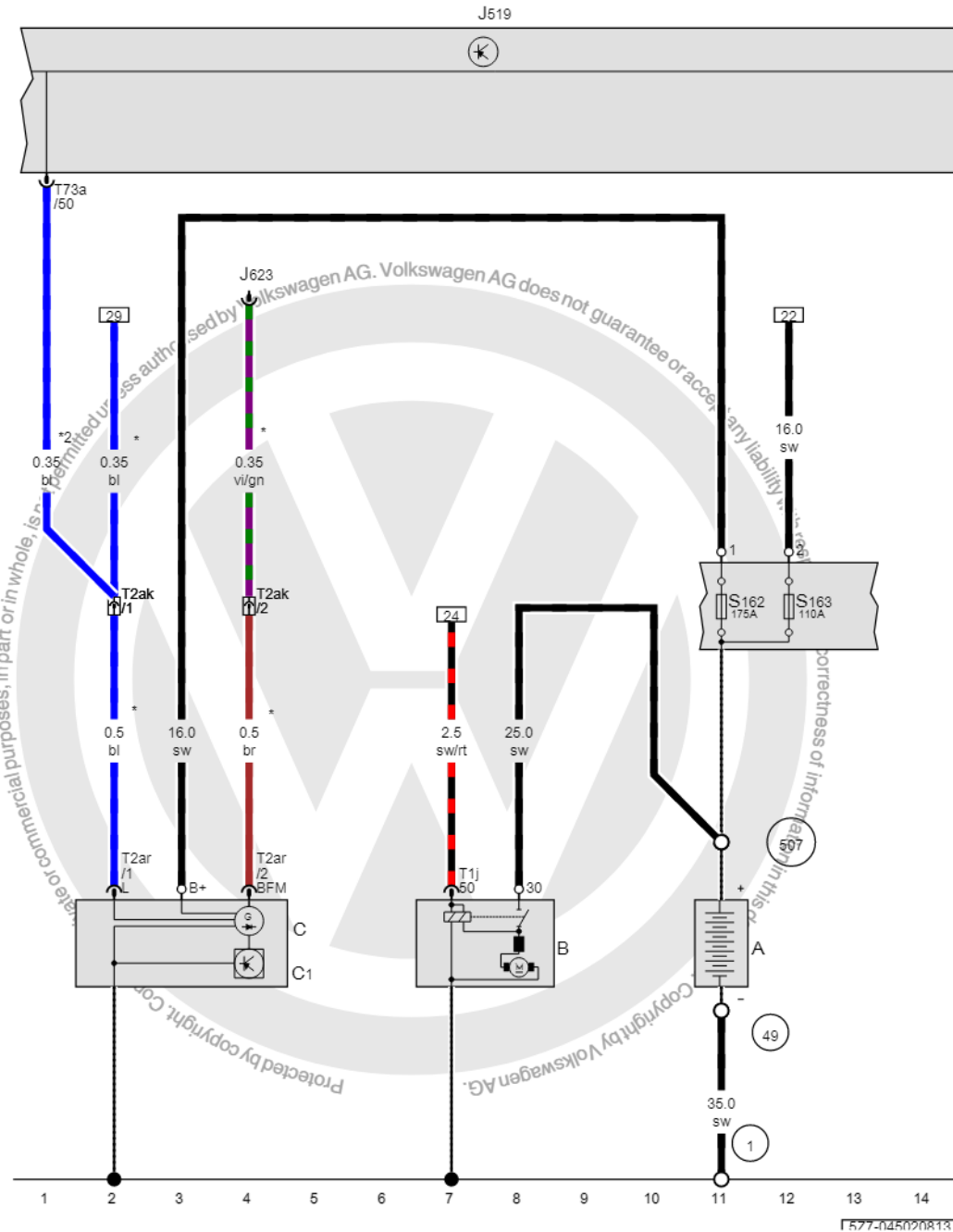


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

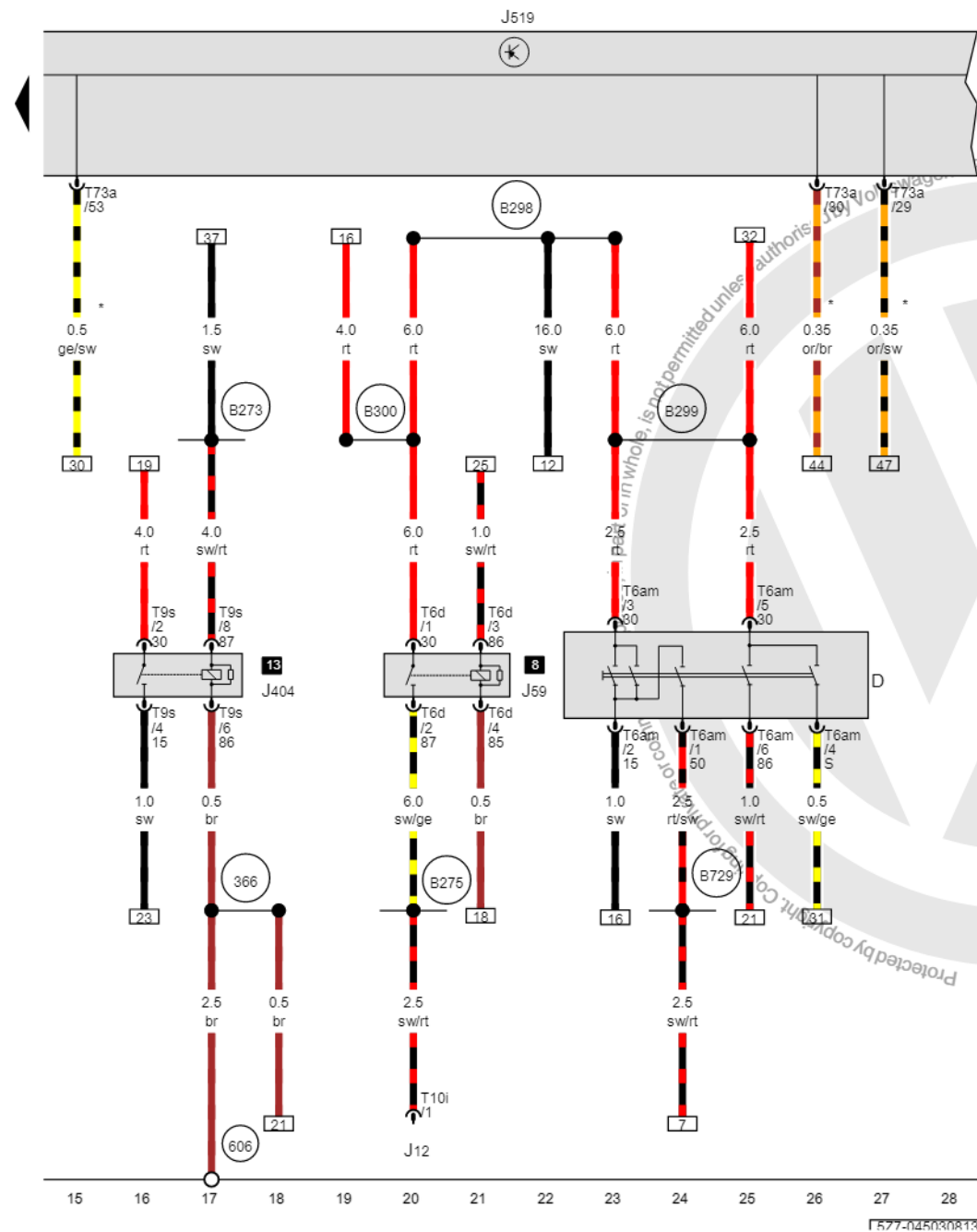
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T9s 9-pin connector
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit



- |      |   |
|------|---|
| D    | Ignition/starter switch                               |
| J12  | Headlight main beam relay                             |
| J59  | X-contact relief relay                                |
| J404 | Terminal 15 relief relay                              |
| J519 | Onboard supply control unit                           |
| T6am | 6-pin connector                                       |
| T6d  | 6-pin connector                                       |
| T9s  | 9-pin connector                                       |
| T10i | 10-pin connector                                      |
| T73a | 73-pin connector                                      |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B273 | Positive connection (15), in main wiring harness      |
| B275 | Positive connection (87), in main wiring harness      |
| B298 | Positive connection 2 (30), in main wiring harness    |
| B299 | Positive connection 3 (30), in main wiring harness    |
| B300 | Positive connection 4 (30), in main wiring harness    |
| B729 | Connection 1 (50), in main wiring harness             |
| *    | Only models with onboard supply control unit BFM      |

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

# Onboard supply control unit

J519 Onboard supply control unit  
 SA2 Fuse 2 in fuse holder A  
 SA5 Fuse 5 in fuse holder A  
 SB38 Fuse 38 on fuse holder B  
 T73c 73-pin connector

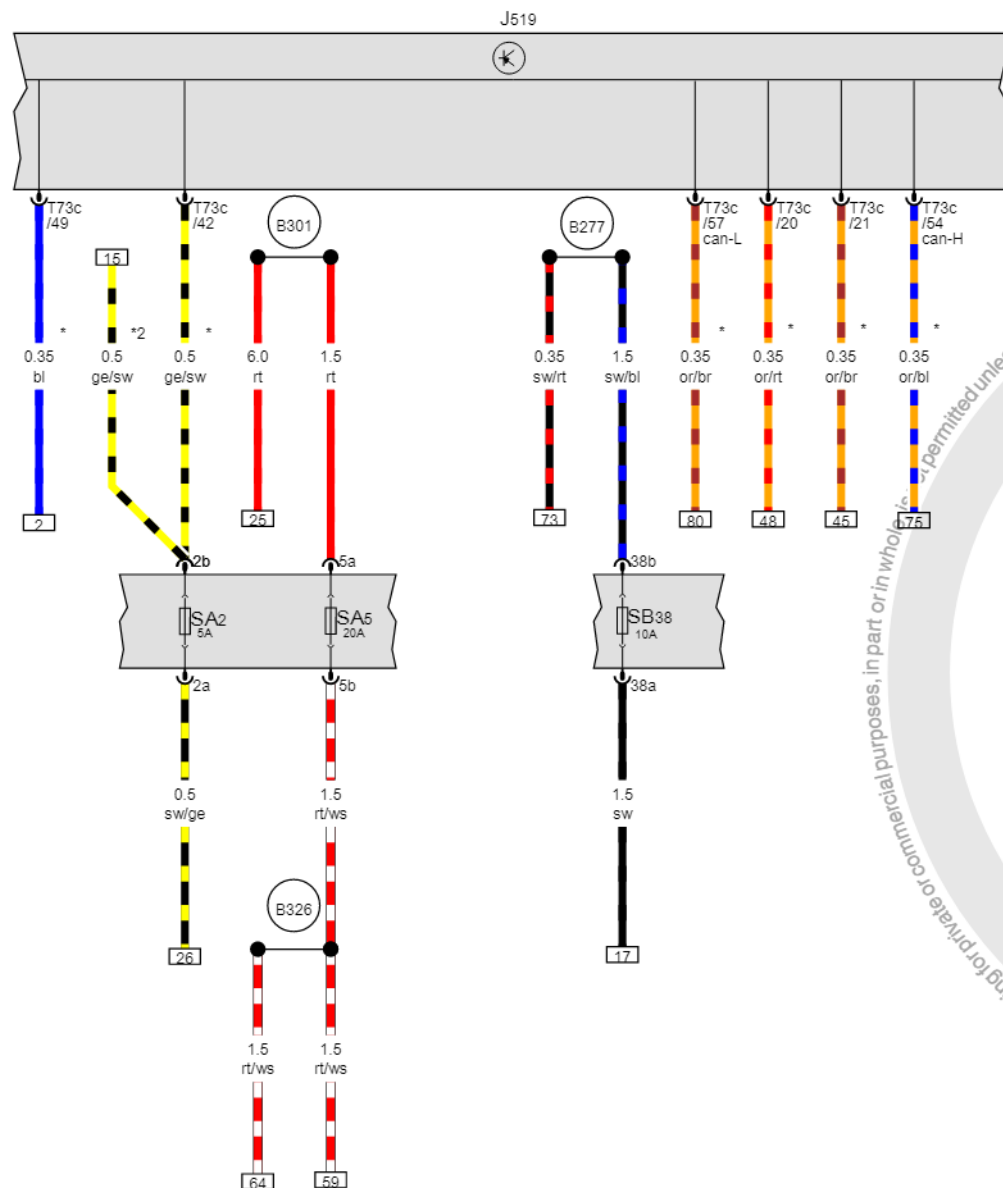
B277 Positive connection 1 (15a) in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

B326 Positive connection 12 (30a) in main wiring harness

\* Only models with onboard supply control unit BCM

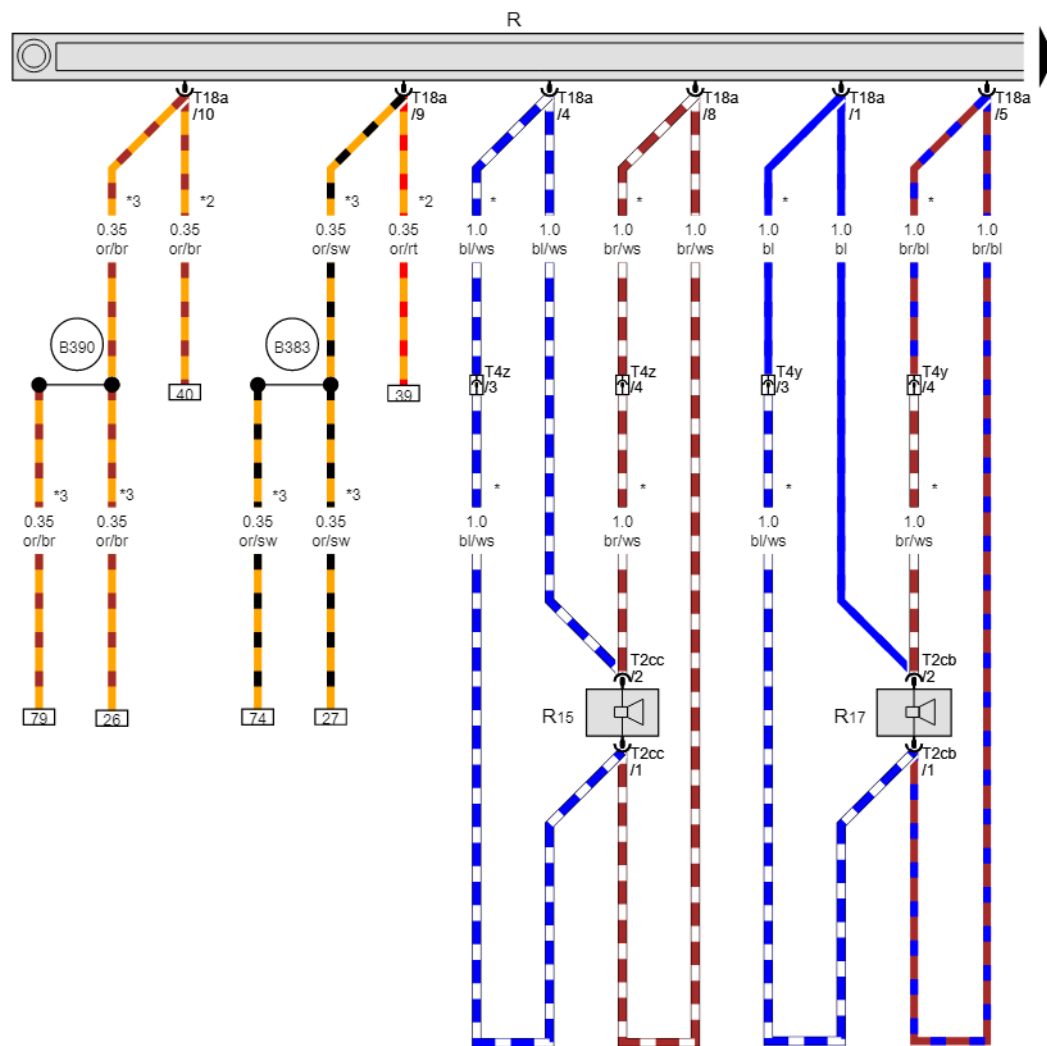
\*2 Only models with onboard supply control unit BFM



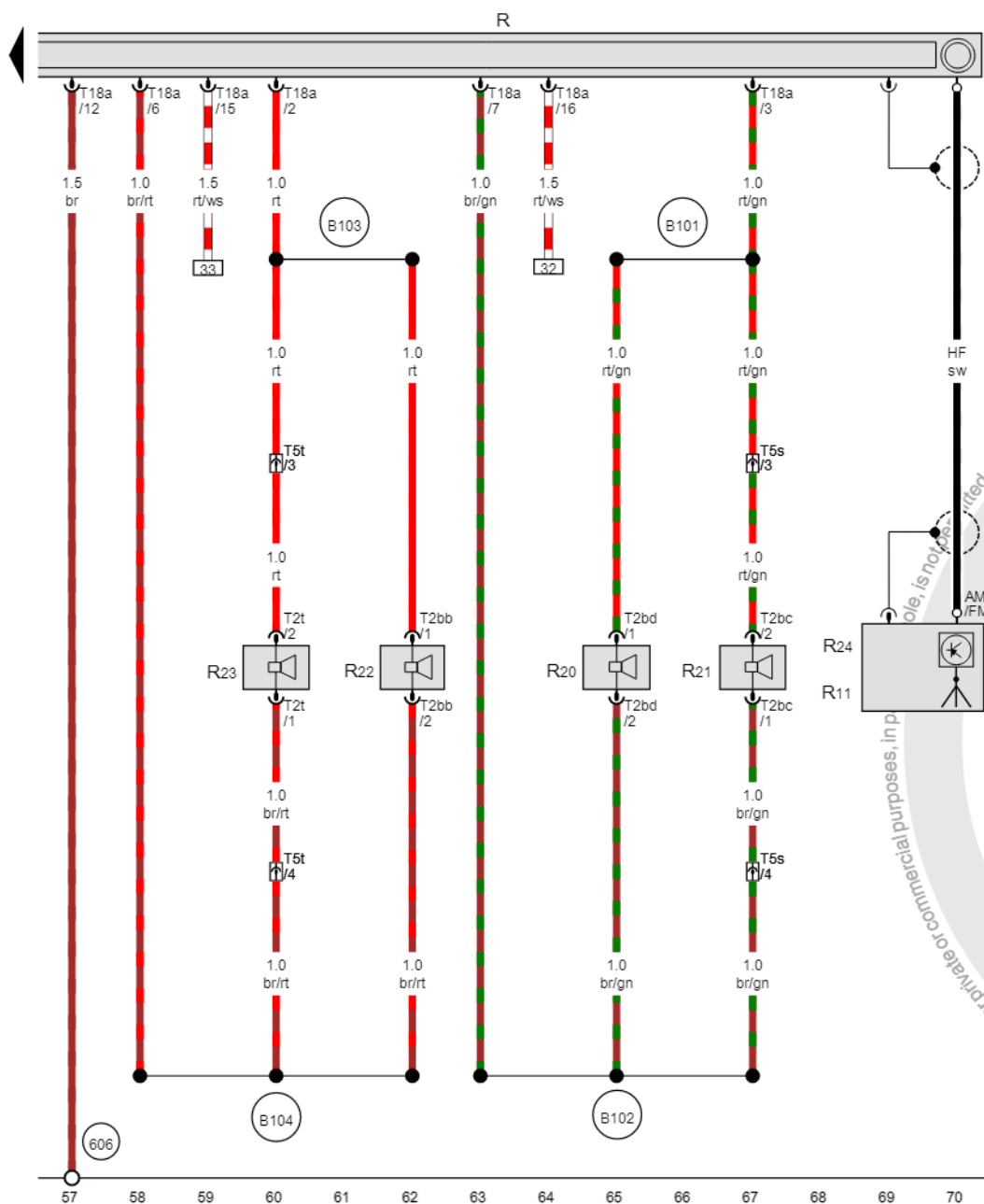
ws = white  
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 rt = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Radio, Rear left bass loudspeaker, Rear right bass loudspeaker

- R Radio  
 R15 Rear left bass loudspeaker  
 R17 Rear right bass loudspeaker  
 T2cb 2-pin connector  
 T2cc 2-pin connector  
 T4y 4-pin connector, in rear right door  
 T4z 4-pin connector, in rear left door  
 T18a 18-pin connector  
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness  
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness  
 \* Only models with 4-doors  
 \*2 Only models with onboard supply control unit BCM  
 \*3 Only models with onboard supply control unit BFM



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
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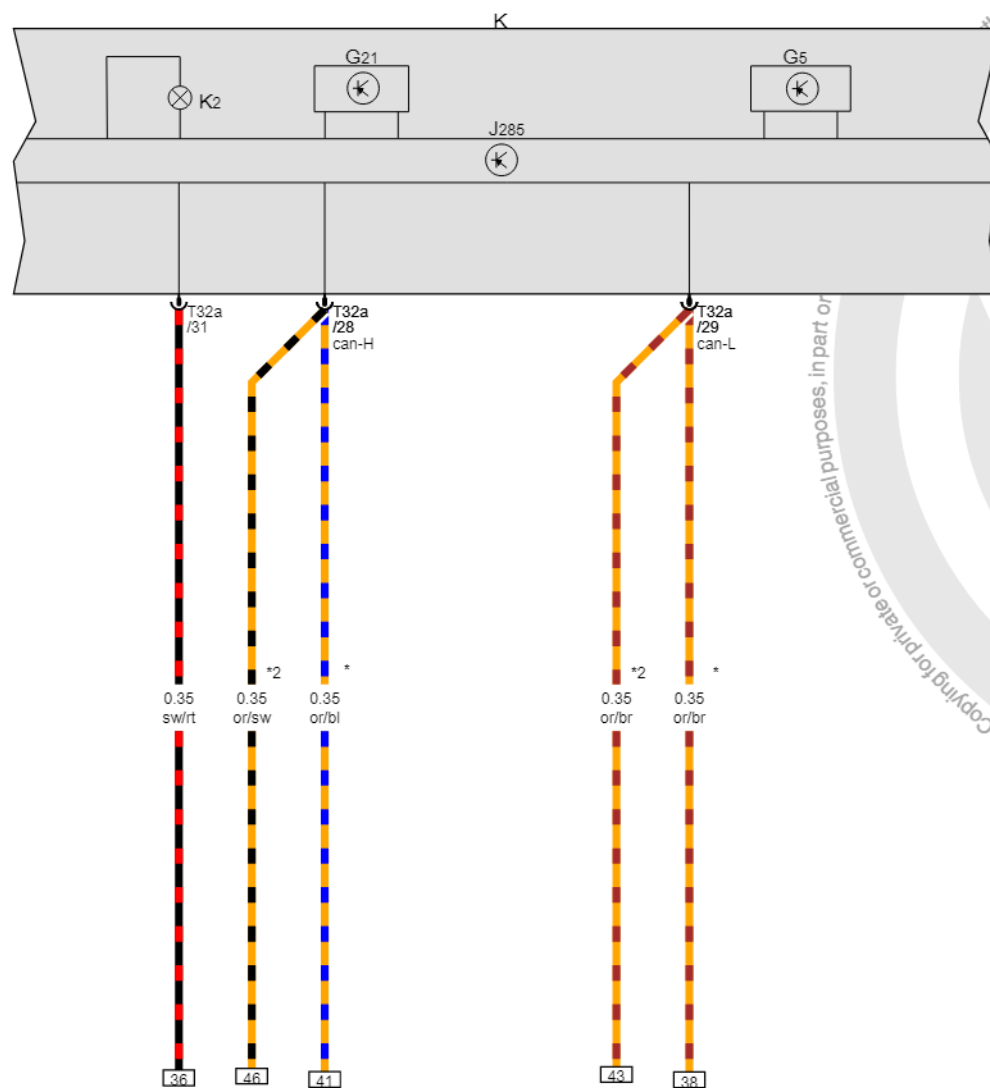
Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- R Radio
- R11 Aerial
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R24 Aerial amplifier
- T2bb 2-pin connector
- T2bc 2-pin connector
- T2bd 2-pin connector
- T2t 2-pin connector
- T5s 5-pin connector, in driver door
- T5t 5-pin connector, in front passenger door
- T18a 18-pin connector
- 606 Earth point, under the centre console near gear stick
- B101 Connection (positive, front left speaker), in main wiring harness
- B102 Connection (negative, front left speaker), in main wiring harness
- B103 Connection (positive, front right speaker), in main wiring harness
- B104 Connection (negative, front right speaker), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Electric windows, rear vent windows

From April 2013

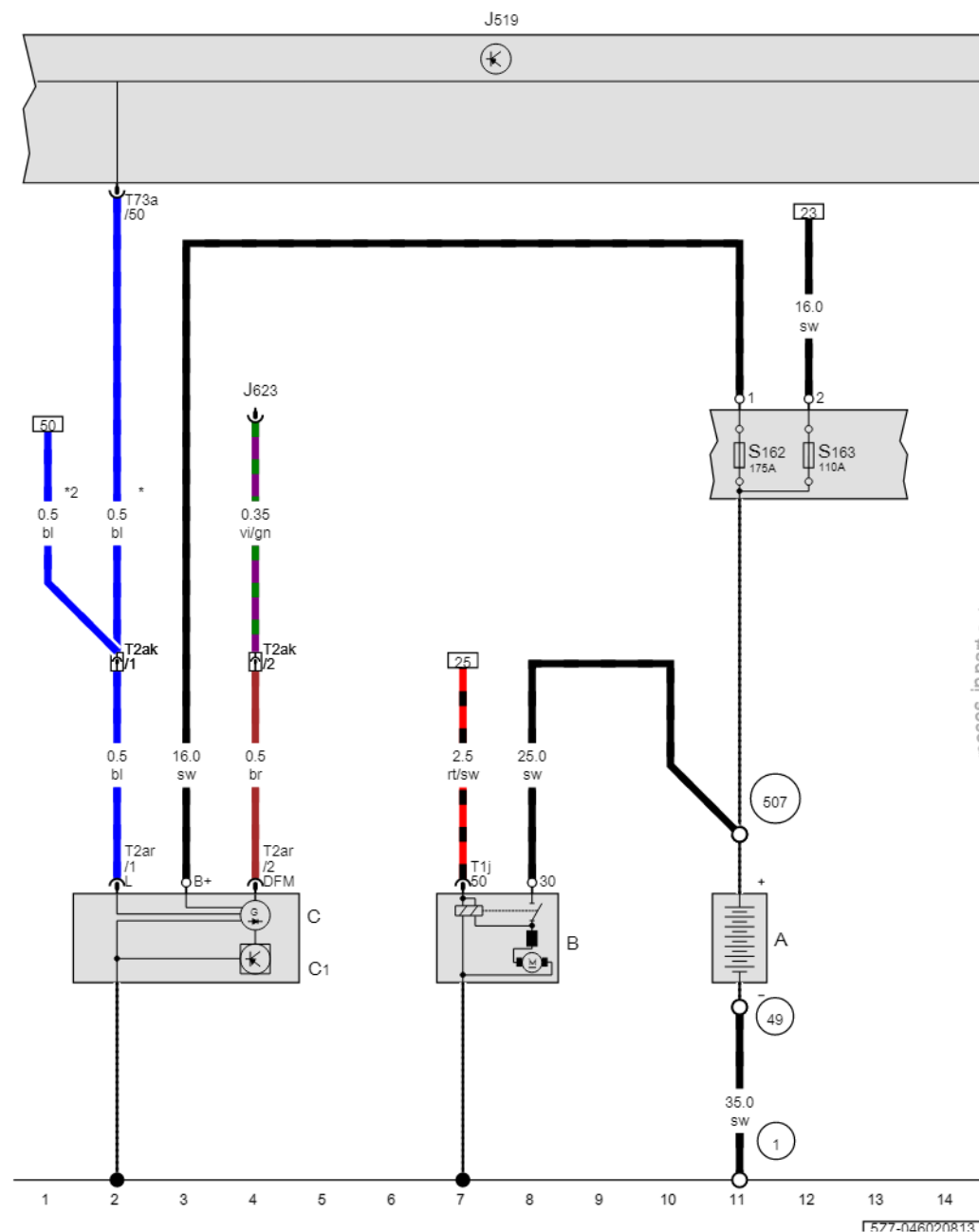


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- |      |  |
|------|--|
| A    | Battery                                |
| B    | Starter                                |
| C    | Alternator                             |
| C1   | Voltage regulator                      |
| J519 | Onboard supply control unit            |
| J623 | Engine control unit                    |
| S162 | Fuse 1 (30), in battery fuse holder    |
| S163 | Fuse 2 (30), in battery fuse holder    |
| T1j  | Single connector                       |
| T2ak | 2-pin connector, in engine compartment |
| T2ar | 2-pin connector                        |
| T73a | 73-pin connector                       |

- |     |  |
|-----|--|
| 1   | Earth strap, battery - body                      |
| 49  | Earth point, near ..., near battery              |
| 507 | Threaded connection (30), on battery fuse holder |
| *   | Only models with onboard supply control unit BFM |
| **2 | Only models with onboard supply control unit BCM |

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
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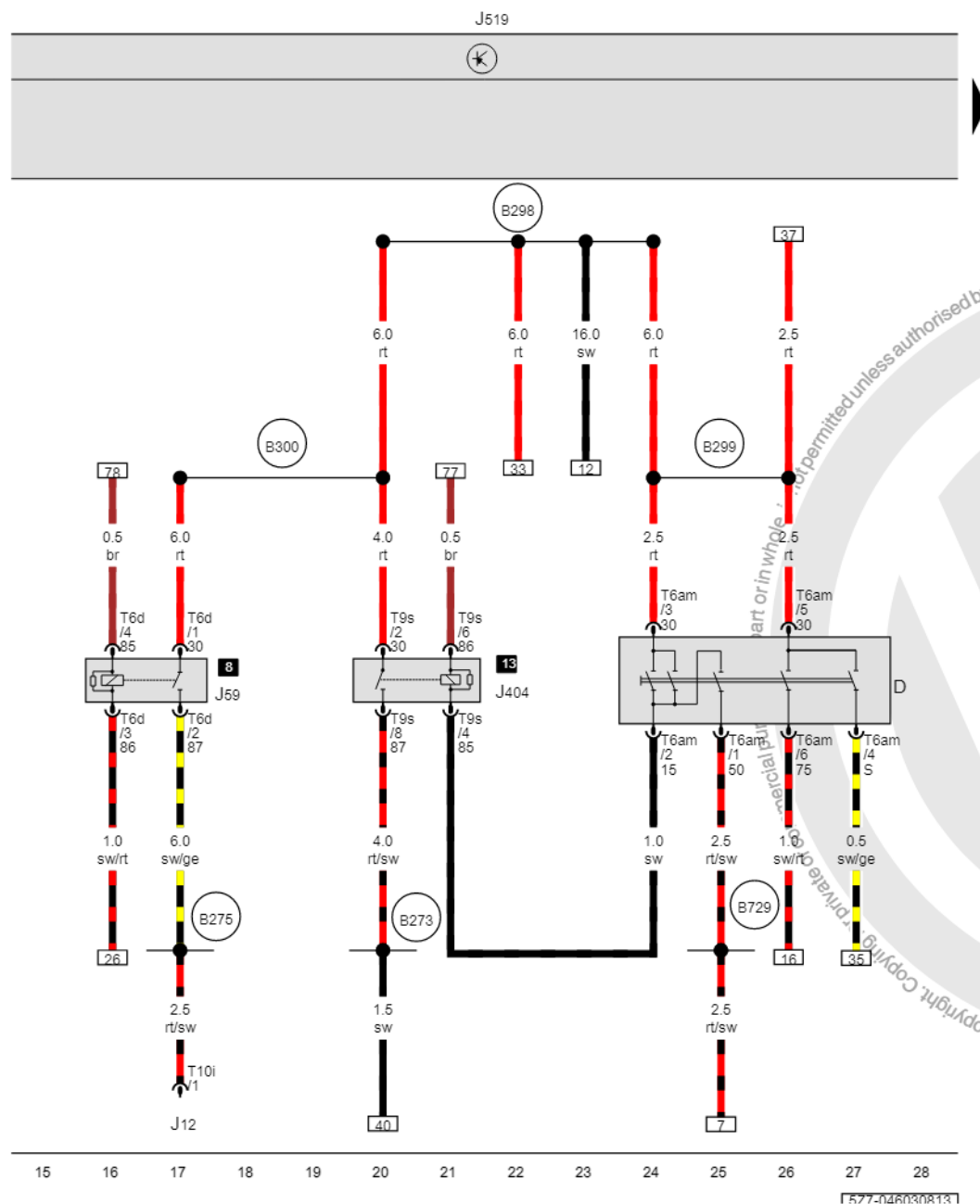


Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
- rs = pink



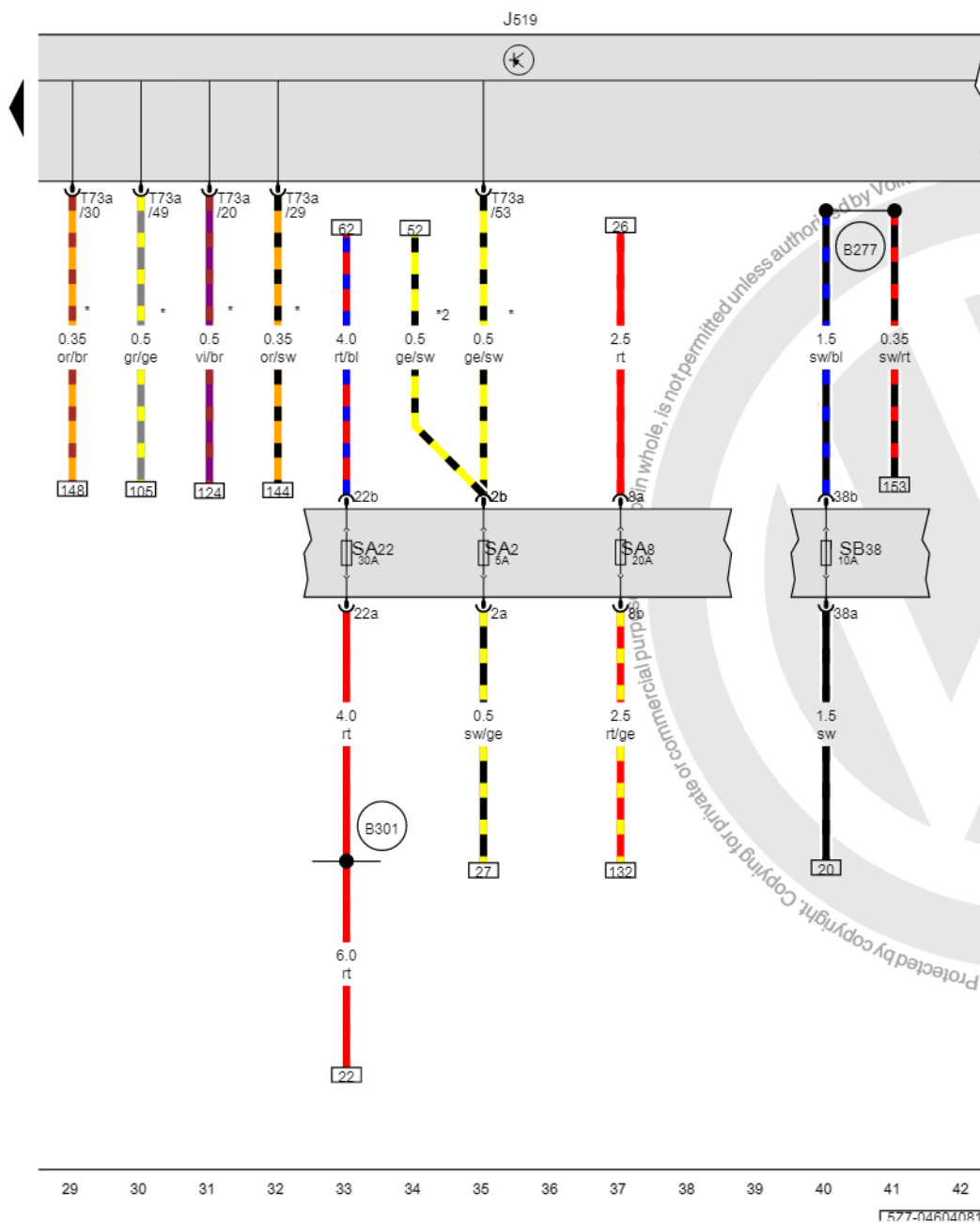
# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA8 Fuse 8 in fuse holder A
- SA22 Fuse 22 in fuse holder A
- SB38 Fuse 38 on fuse holder B
- T73a 73-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



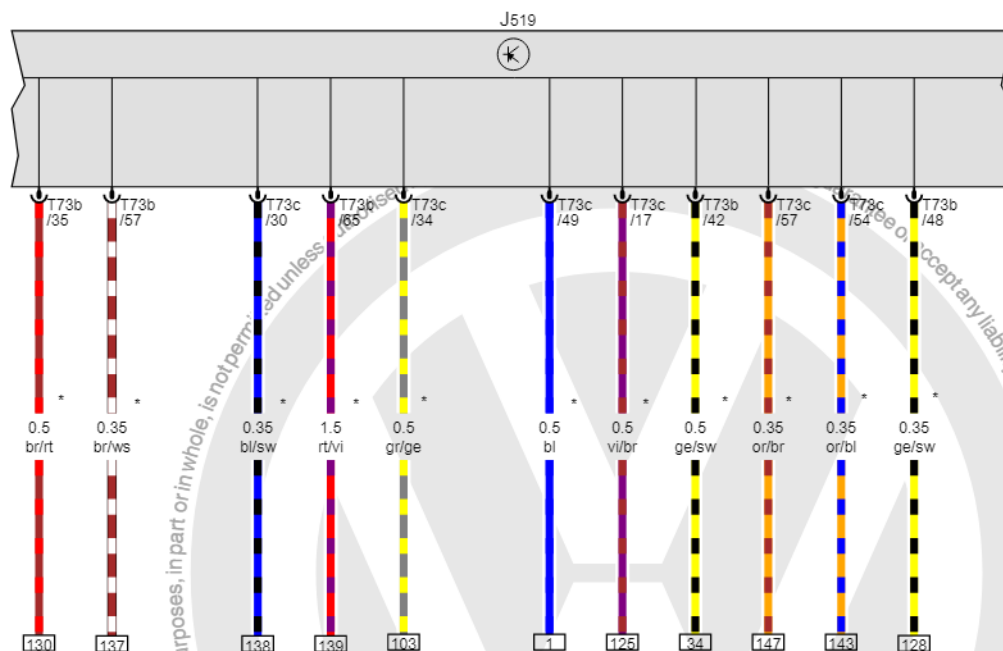
# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

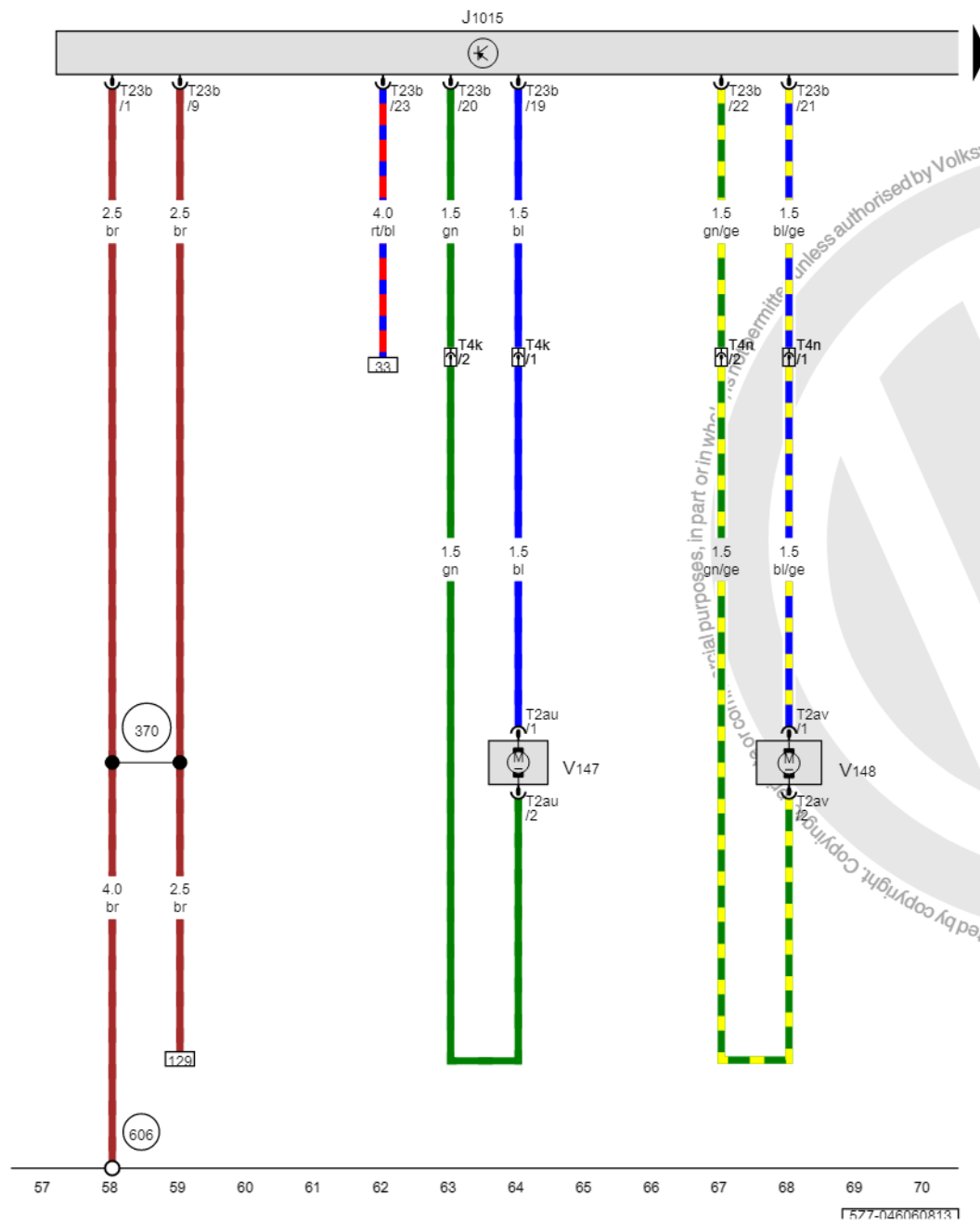
T73c 73-pin connector

\* Only models with onboard supply control unit BCM

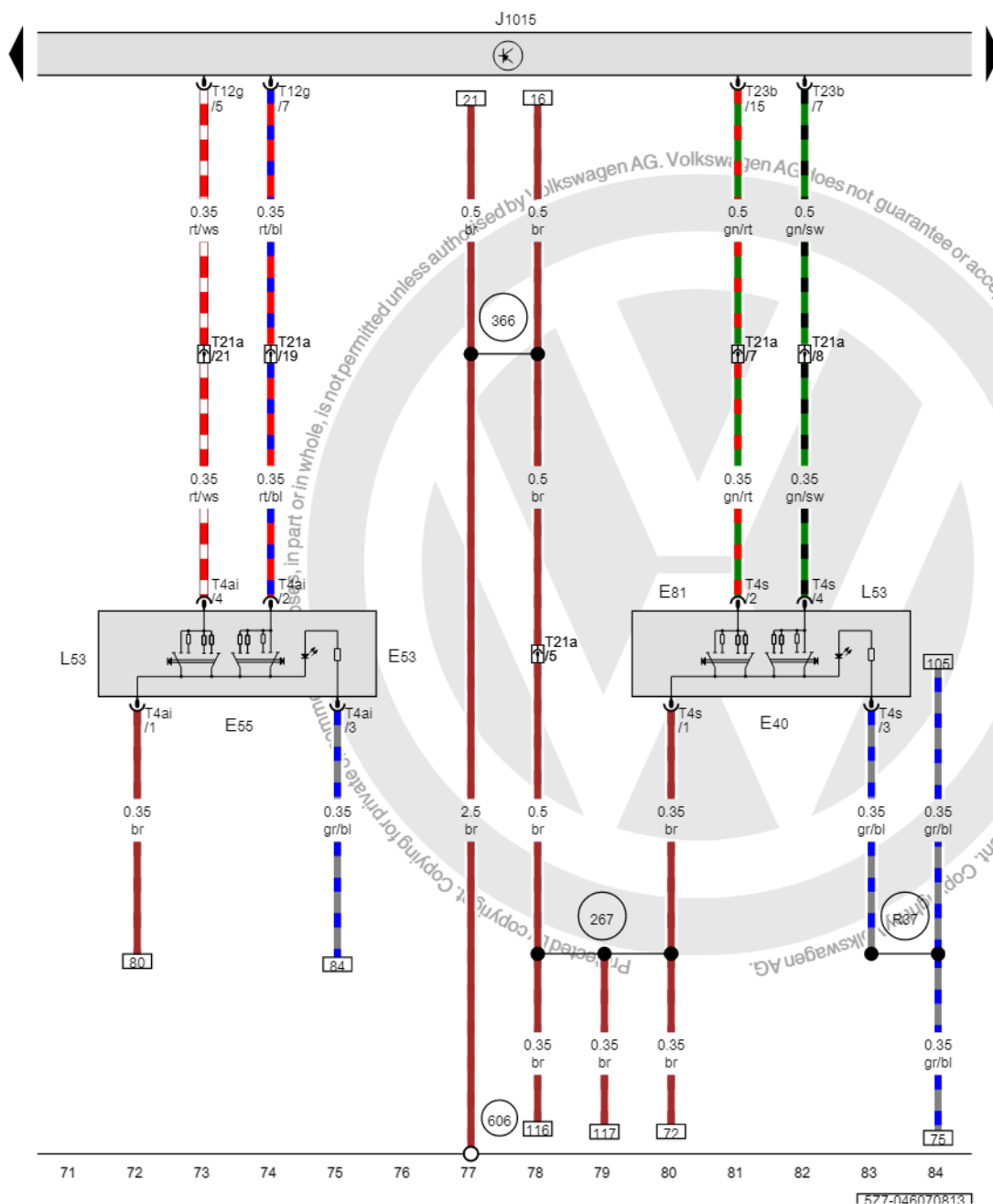


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vi = purple  
ge = yellow  
or = orange  
rs = pink

Central control unit for window regulators, Driver side window regulator motor, Front passenger side window regulator motor



- J1015 Central control unit for window regulators
- T2au 2-pin connector
- T2av 2-pin connector
- T4k 4-pin connector, in driver door
- T4n 4-pin connector, in front passenger door
- T23b 23-pin connector
- V147 Driver side window regulator motor
- V148 Front passenger side window regulator motor
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick

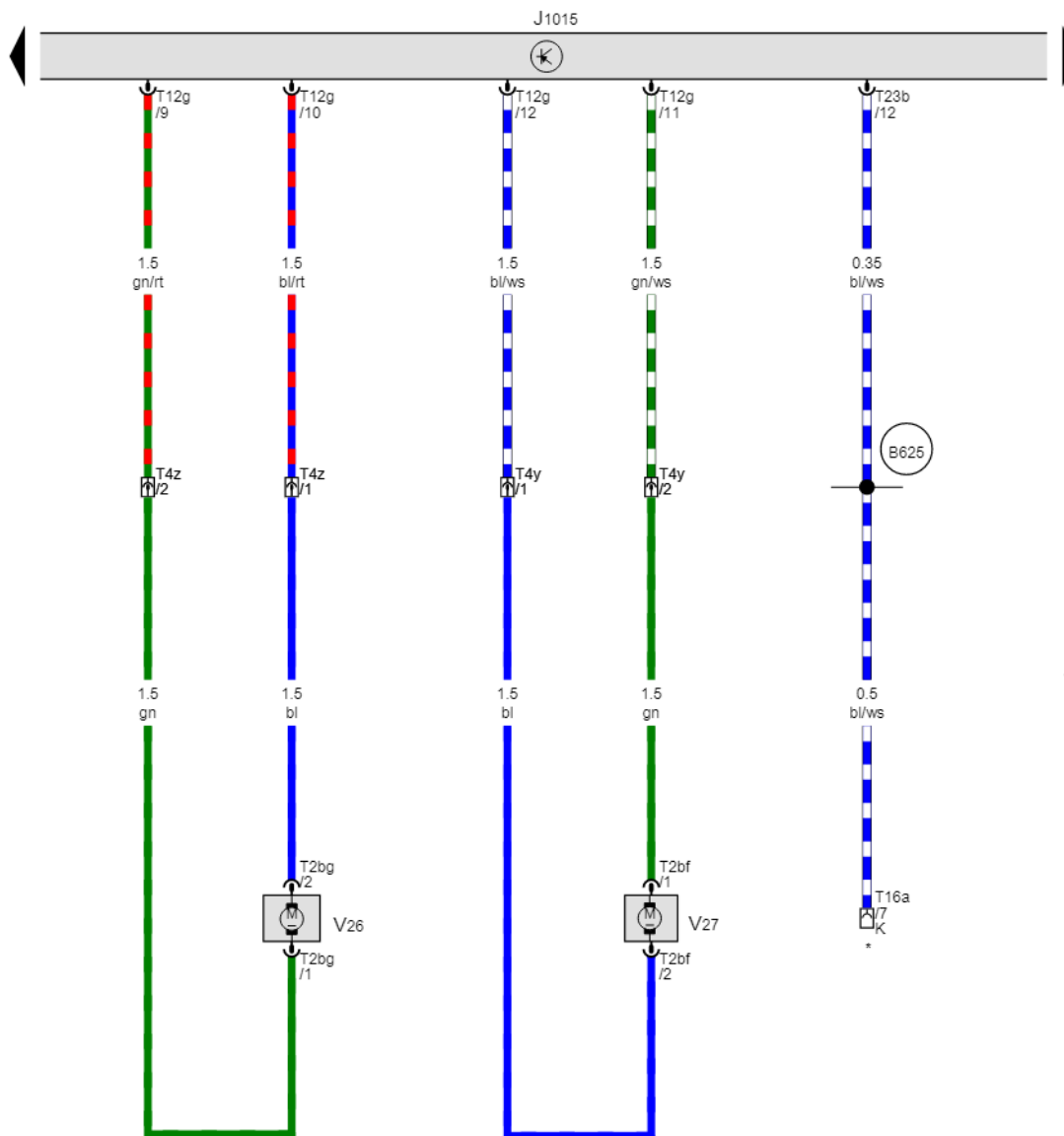


Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Central control unit for window regulators, Window regulator switch illumination bulb

- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- J1015 Central control unit for window regulators
- L53 Window regulator switch illumination bulb
- T4ai 4-pin connector
- T4s 4-pin connector
- T12g 12-pin connector
- T21a 21-pin connector, in driver door
- T23b 23-pin connector
- 267 Earth connection 2, in drive side door wiring harness
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- R37 Connection 1 (window regulator), in driver door wiring harness

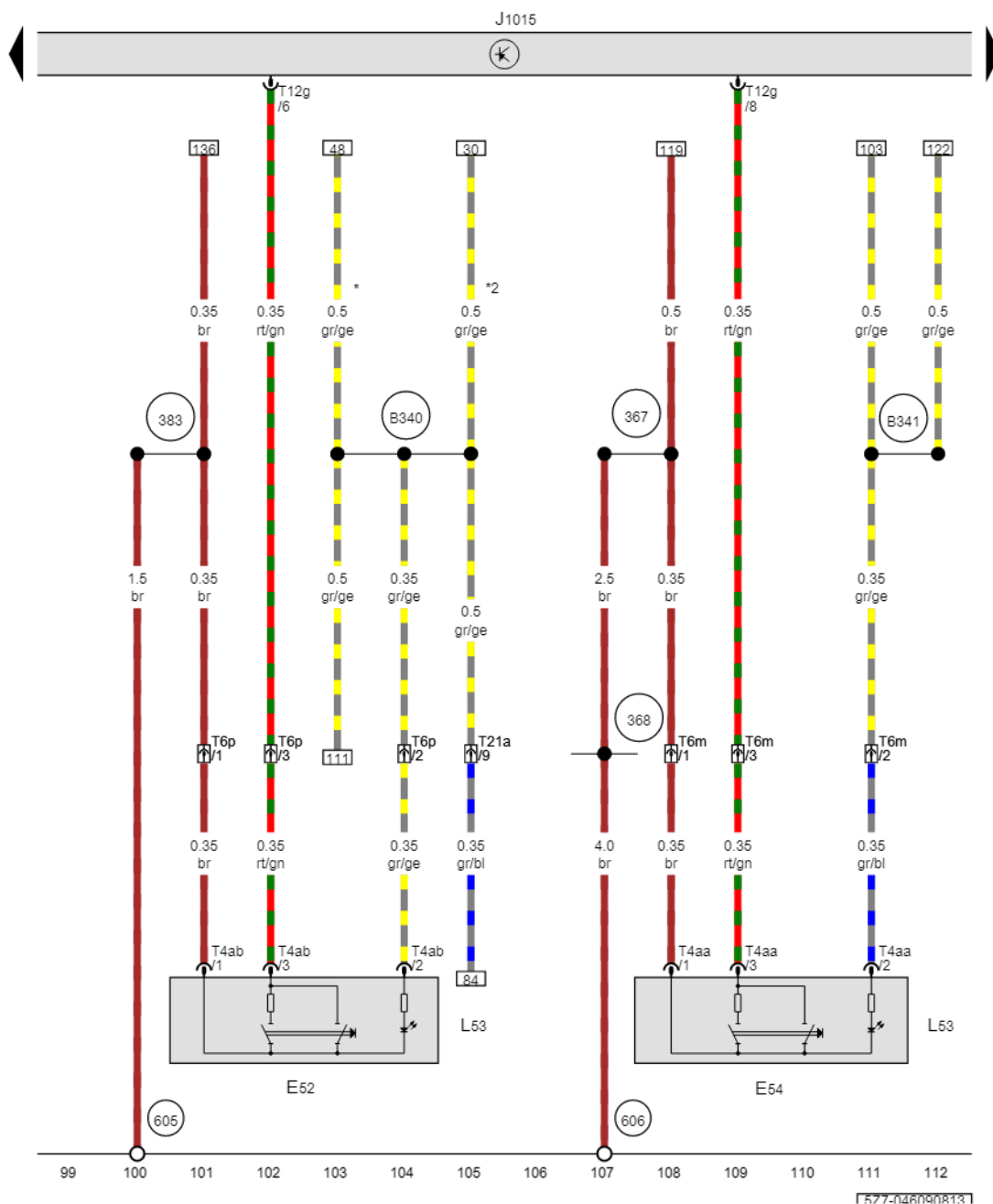
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 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Central control unit for window regulators, Rear left window regulator motor, Rear right window regulator motor



- J1015 Central control unit for window regulators
- T2bf 2-pin connector
- T2bg 2-pin connector
- T4y 4-pin connector, in rear right door
- T4z 4-pin connector, in rear left door
- T12g 12-pin connector
- T16a 16-pin connector
- T23b 23-pin connector
- V26 Rear left window regulator motor
- V27 Rear right window regulator motor
- B625 Connection (K-diagnosis wire), in main wiring harness
- \* Diagnostic connection

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
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 rs = pink

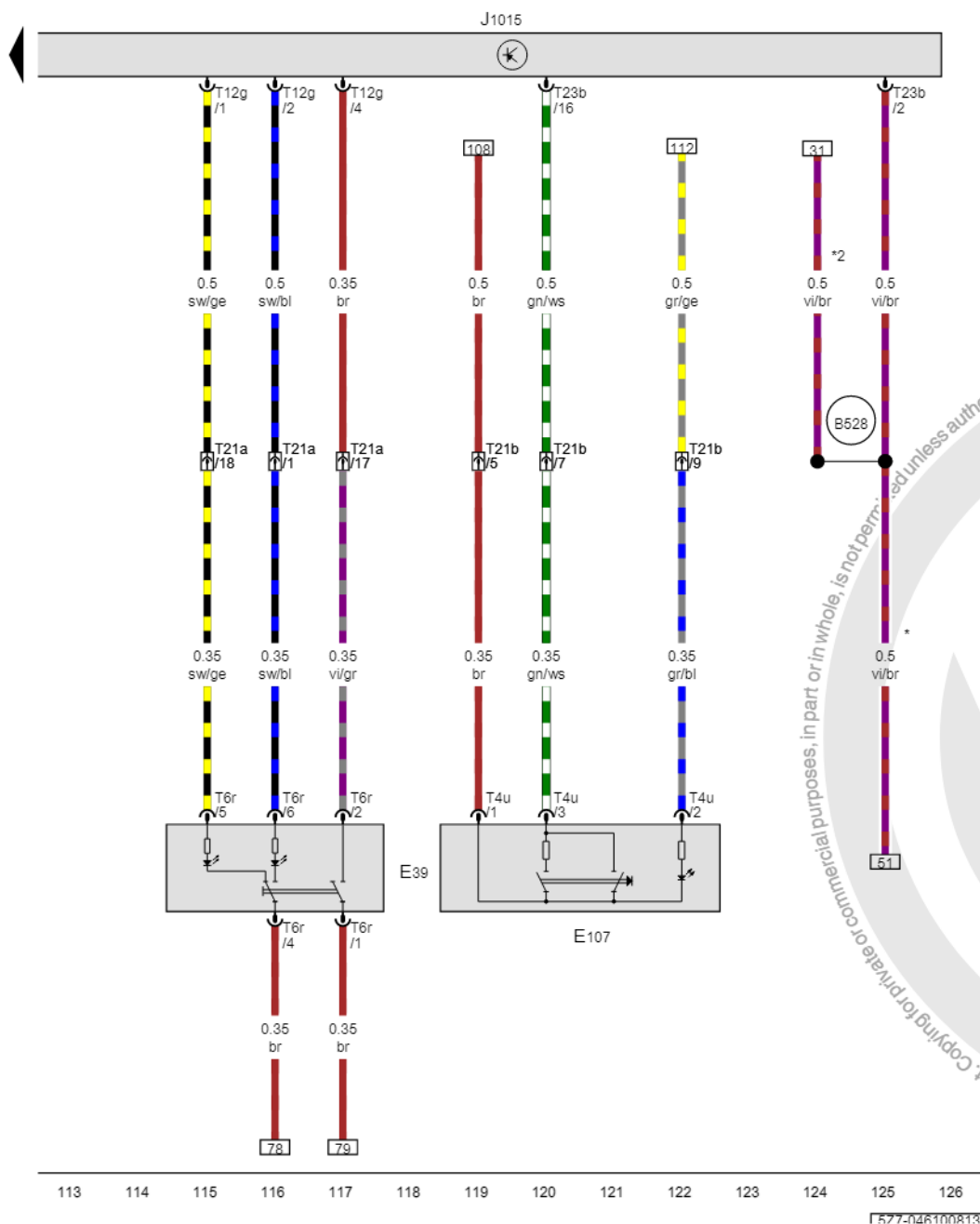


Rear left window regulator switch, in door, Rear right window regulator switch, in door, Central control unit for window regulators, Window regulator switch illumination bulb

- E52 Rear left window regulator switch, in door
- E54 Rear right window regulator switch, in door
- J1015 Central control unit for window regulators
- L53 Window regulator switch illumination bulb
- T4aa 4-pin connector
- T4ab 4-pin connector
- T6m 6-pin connector, in rear right door
- T6p 6-pin connector, in rear left door
- T12g 12-pin connector
- T21a 21-pin connector, in driver door

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Rear window regulator isolation switch, Window regulator switch in front passenger door, Central control unit for window regulators

- E39 Rear window regulator isolation switch
- E107 Window regulator switch in front passenger door
- J1015 Central control unit for window regulators
- T4u 4-pin connector
- T6r 6-pin connector
- T12g 12-pin connector
- T21a 21-pin connector, in driver door
- T21b 21-pin connector, in front passenger door
- T23b 23-pin connector

B528 Connection 1 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
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vi = pink  
ge = yellow  
or = orange  
rs = pink

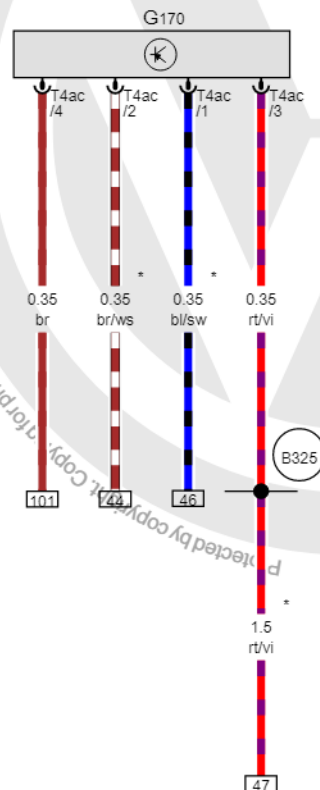
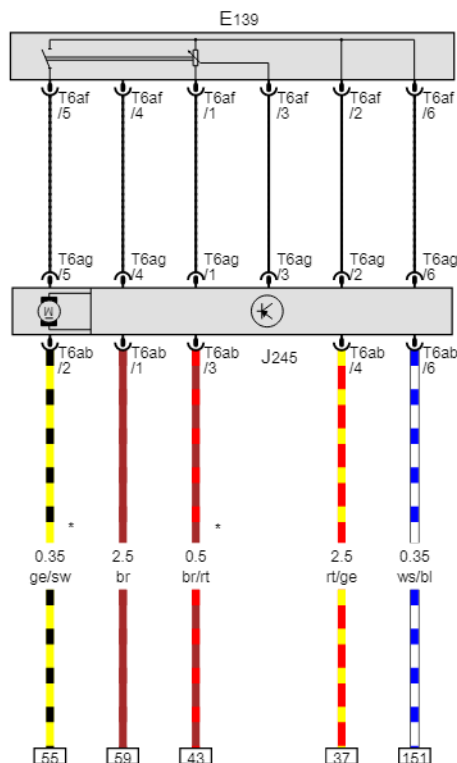


Sliding sunroof adjustment regulator, Left ultrasonic sensor for anti-theft alarm system, Sliding sunroof adjustment control unit

- E139 Sliding sunroof adjustment regulator
- G170 Left ultrasonic sensor for anti-theft alarm system
- J245 Sliding sunroof adjustment control unit
- T4ac 4-pin connector
- T6ab 6-pin connector
- T6af 6-pin connector
- T6ag 6-pin connector

B325 Positive connection 11 (30a) in main wiring harness

\* Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

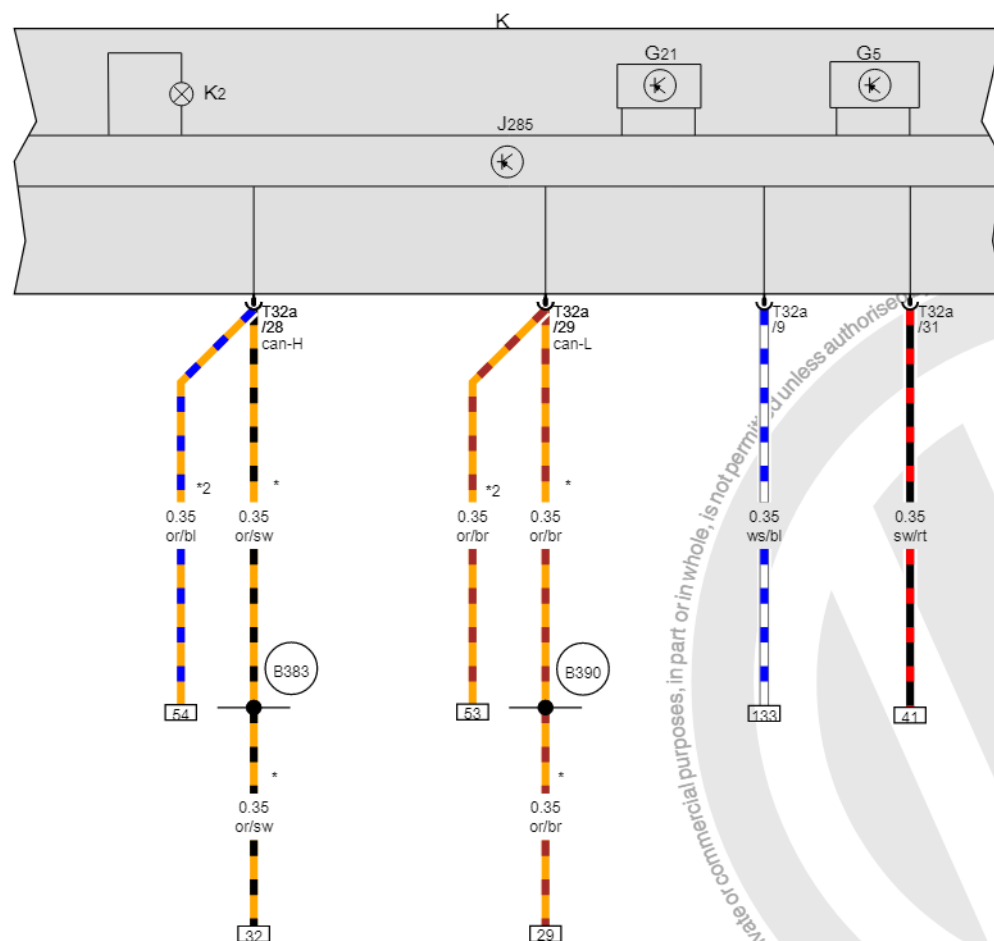
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

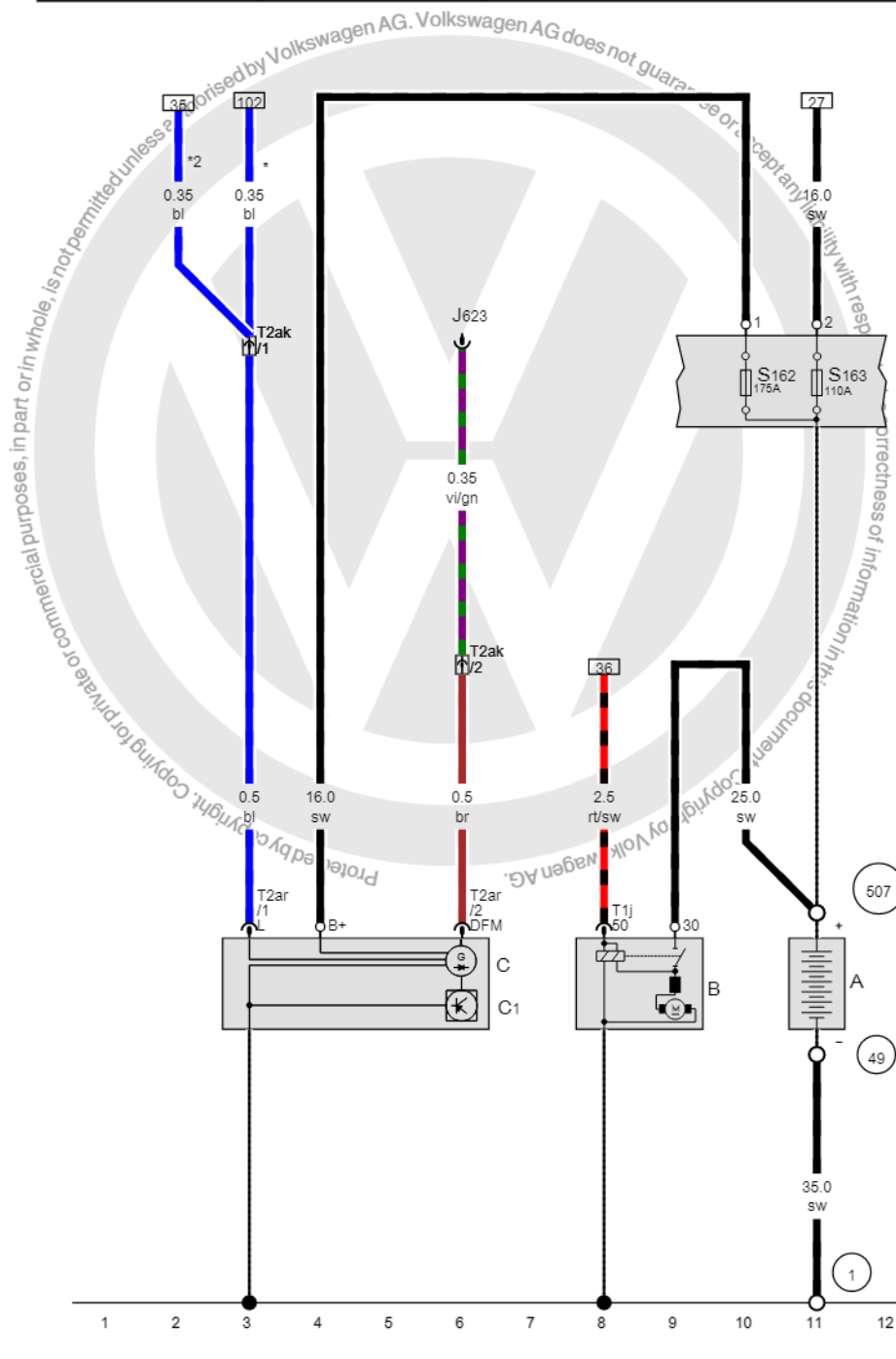
141 142 143 144 145 146 147 148 149 150 151 152 153 154

1577-148120813

## Airbag systems

From April 2013





Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

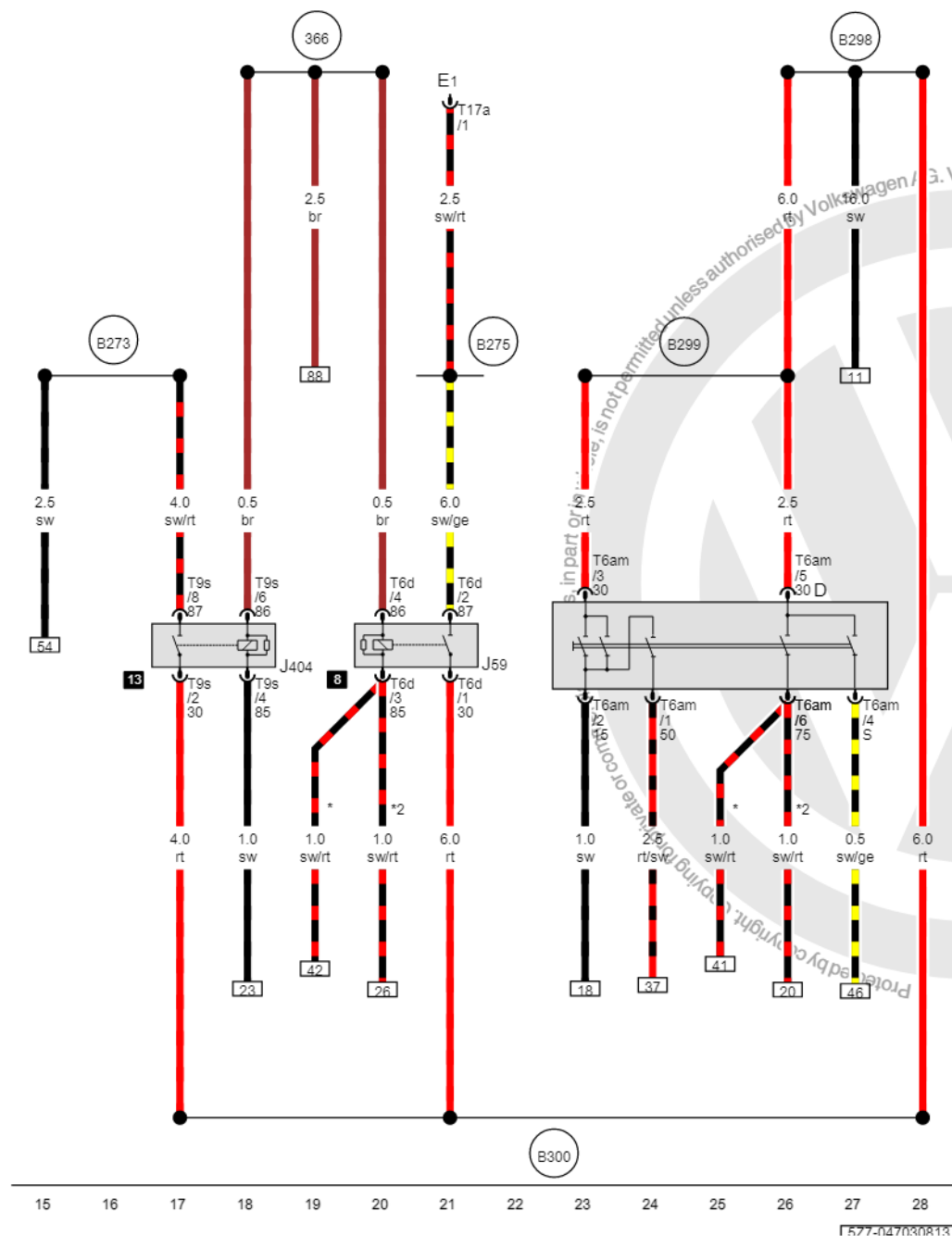
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector

- 366 Earth connection 1, in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



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- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

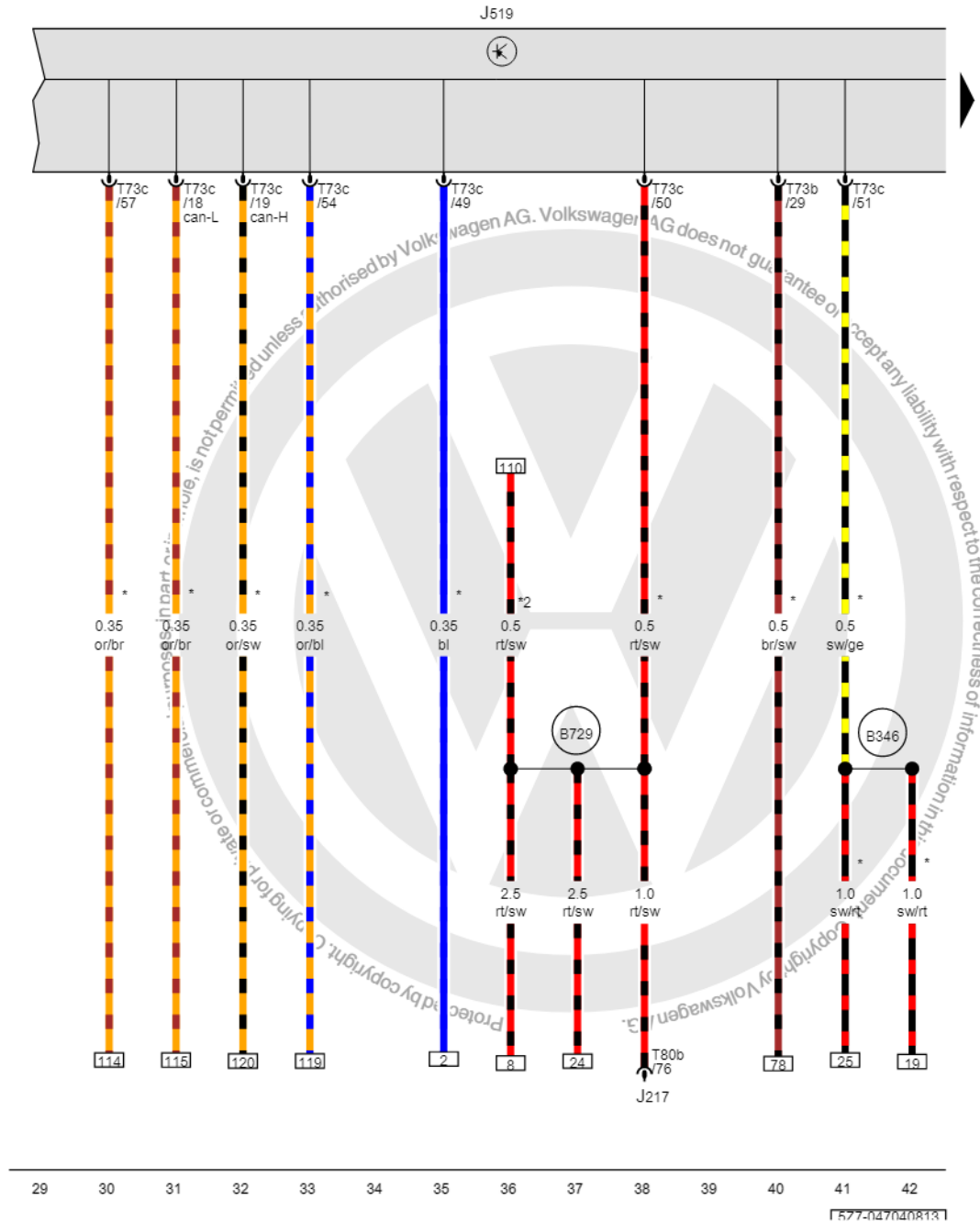
# Onboard supply control unit

- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector

B346 Connection 1 (75), in main wiring harness

B729 Connection 1 (50), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



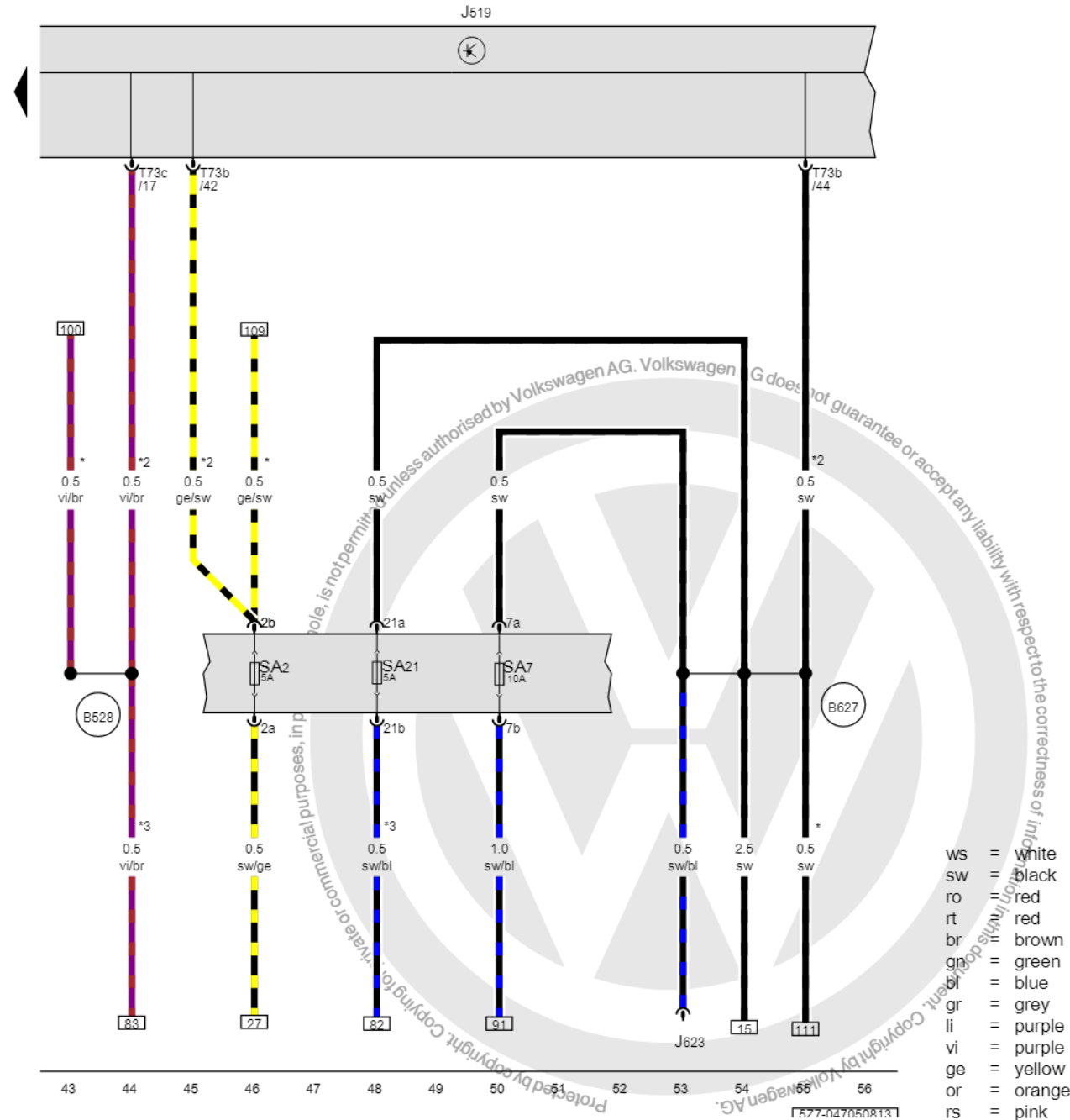
# Onboard supply control unit

- J519 Onboard supply control unit
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SA7 Fuse 7 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector

(B528) Connection 1 (LIN bus) in main wiring harness

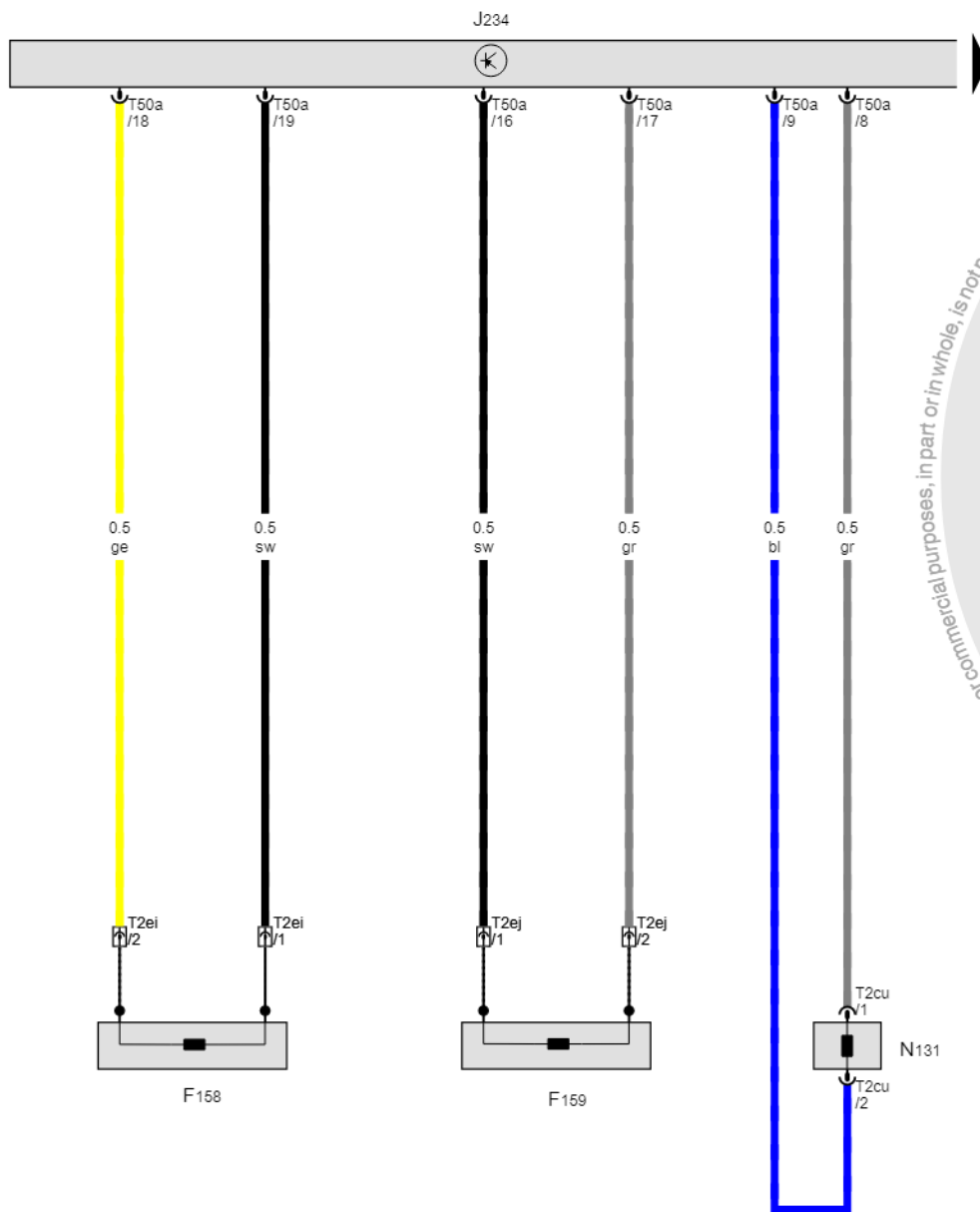
(B627) Positive connection 3 (15), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with operating unit for radio



Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit, Front passenger side airbag igniter 1

- F158 Belt tensioner switch 1, on driver seat belt tensioner igniter 1
- F159 Belt tensioner switch 2, on front passenger side seat belt tensioner igniter 2
- J234 Airbag control unit
- N131 Front passenger side airbag igniter 1
- T2cu 2-pin connector
- T2ei 2-pin connector
- T2ej 2-pin connector
- T50a 50-pin connector

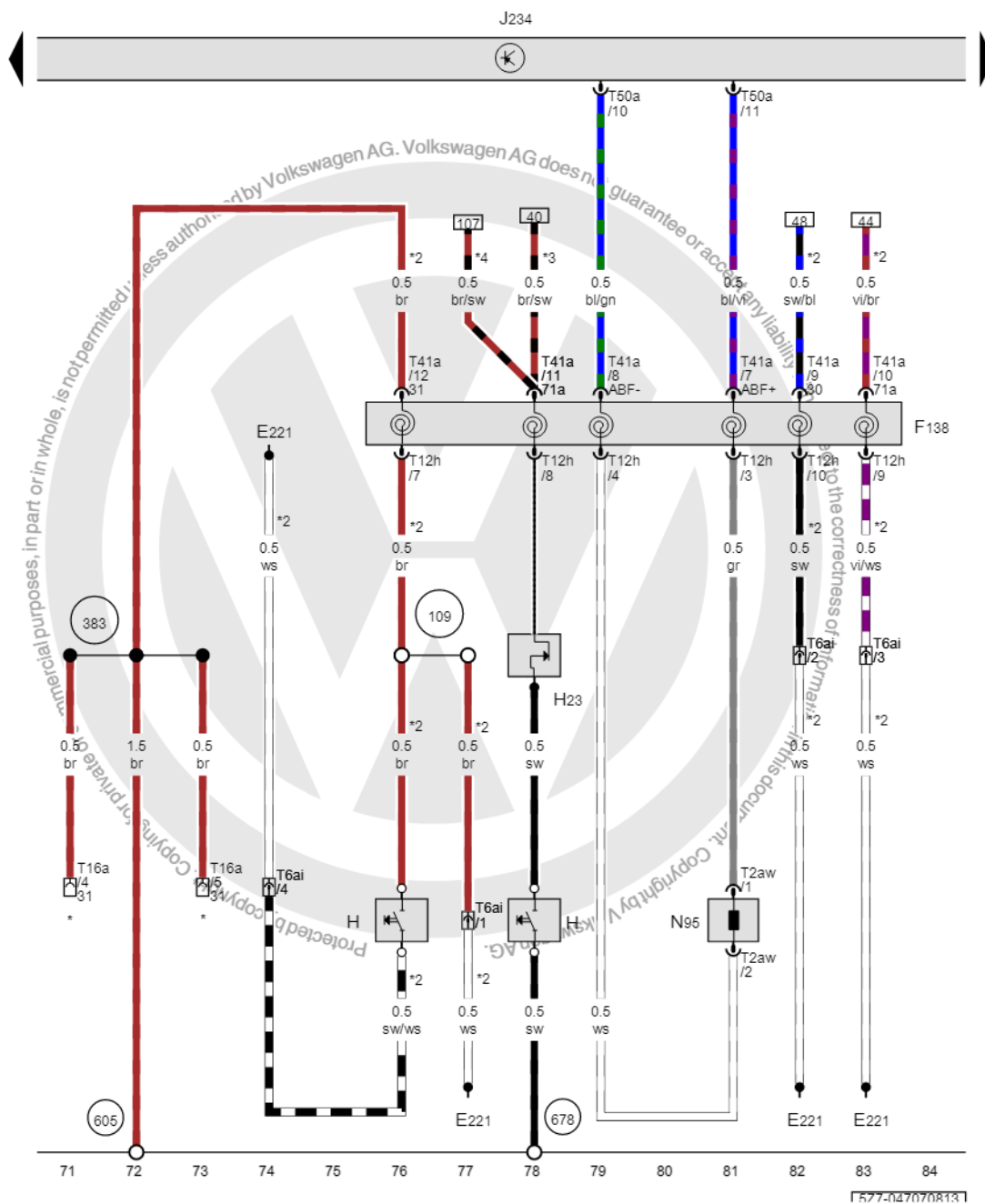


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

1577-147060813





Airbag coil connector and return ring with slip ring, Horn plate, Horn activation contact ring, Airbag control unit, Driver side airbag igniter

- E221 Operating unit in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H23 Horn activation contact ring
- J234 Airbag control unit
- N95 Driver side airbag igniter
- T2aw 2-pin connector
- T6ai 6-pin connector
- T12h 12-pin connector
- T16a 16-pin connector
- T41a 41-pin connector
- T50a 50-pin connector

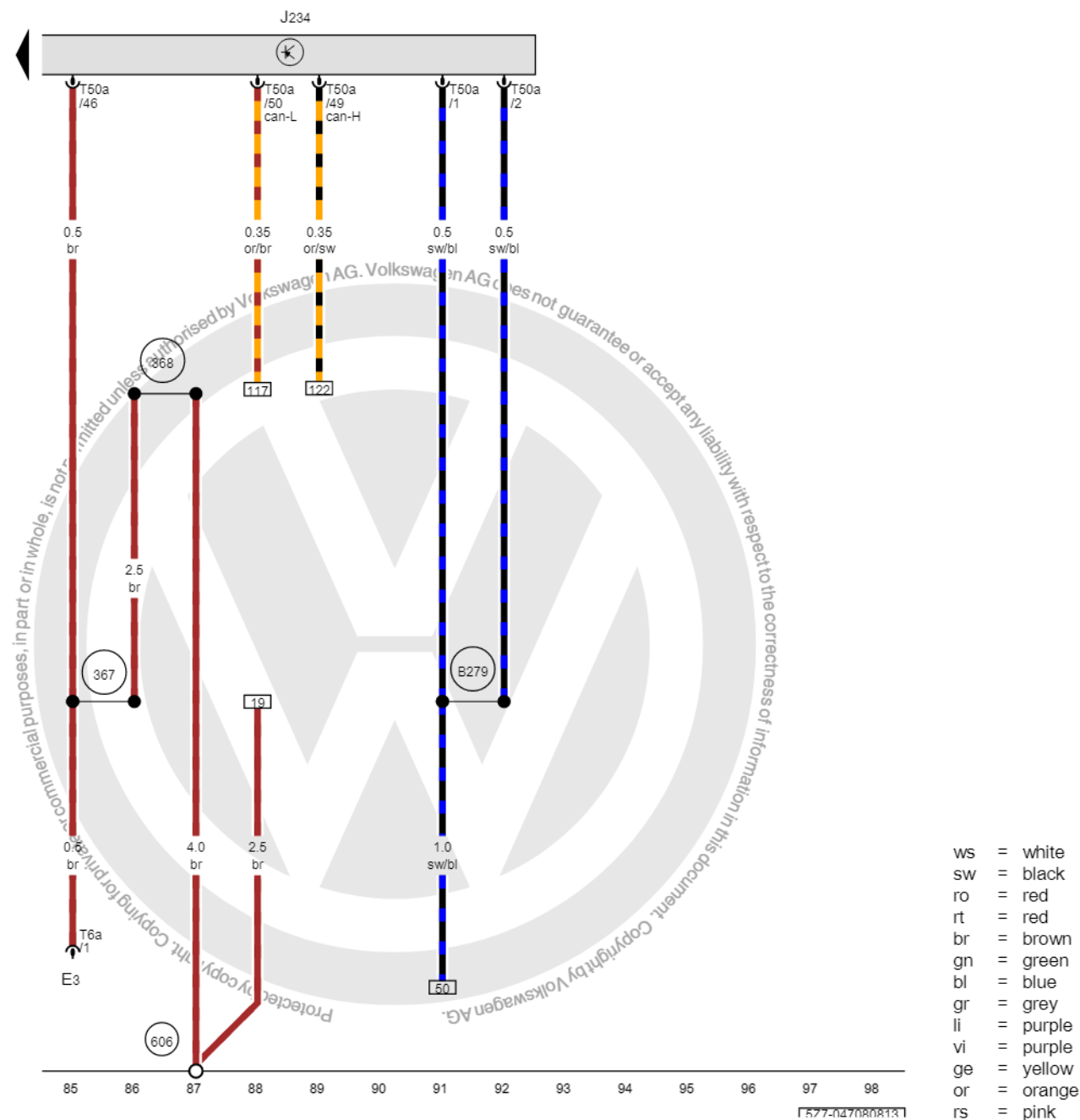
- 109 Earth connection, in airbag wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- 678 Earth point, on steering wheel

- \* Diagnostic connection
- \*2 Only models with operating unit for radio
- \*3 Only models with onboard supply control unit BCM
- \*4 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit

- |      |   |
|------|---|
| E3   | Hazard warning light switch                           |
| J234 | Airbag control unit                                   |
| T6a  | 6-pin connector                                       |
| T50a | 50-pin connector                                      |
| 367  | Earth connection 2, in main wiring harness            |
| 368  | Earth connection 3, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B279 | Positive connection 3 (15a) in main wiring harness    |

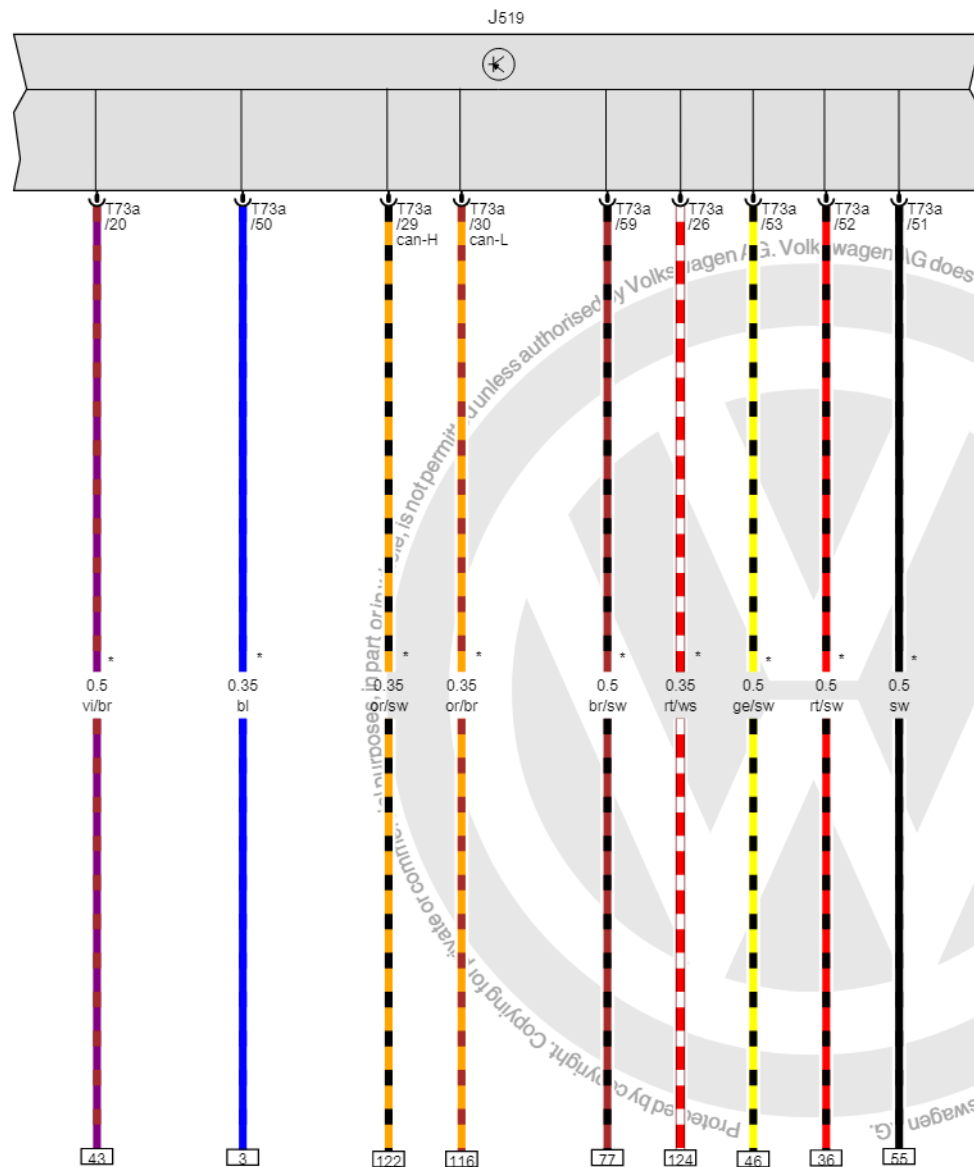


Onboard supply control unit

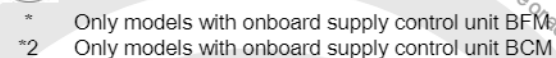
J519 Onboard supply control unit

T73a 73-pin connector

\* Only models with onboard supply control unit BFM



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
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 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

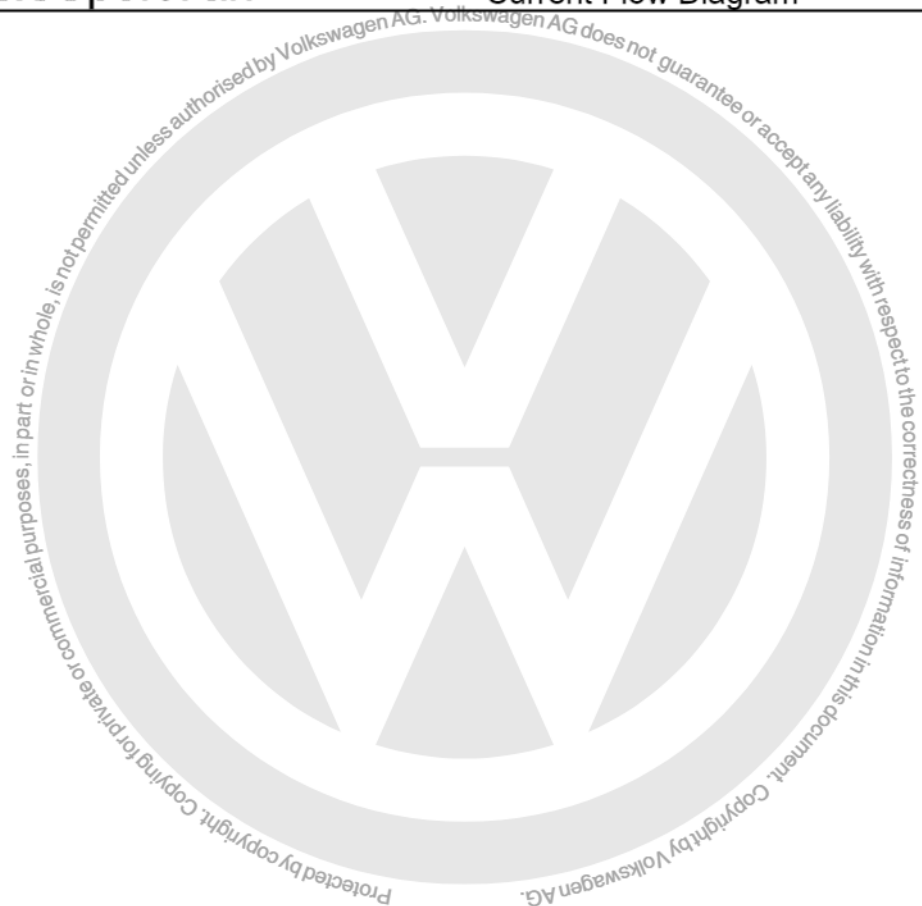
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

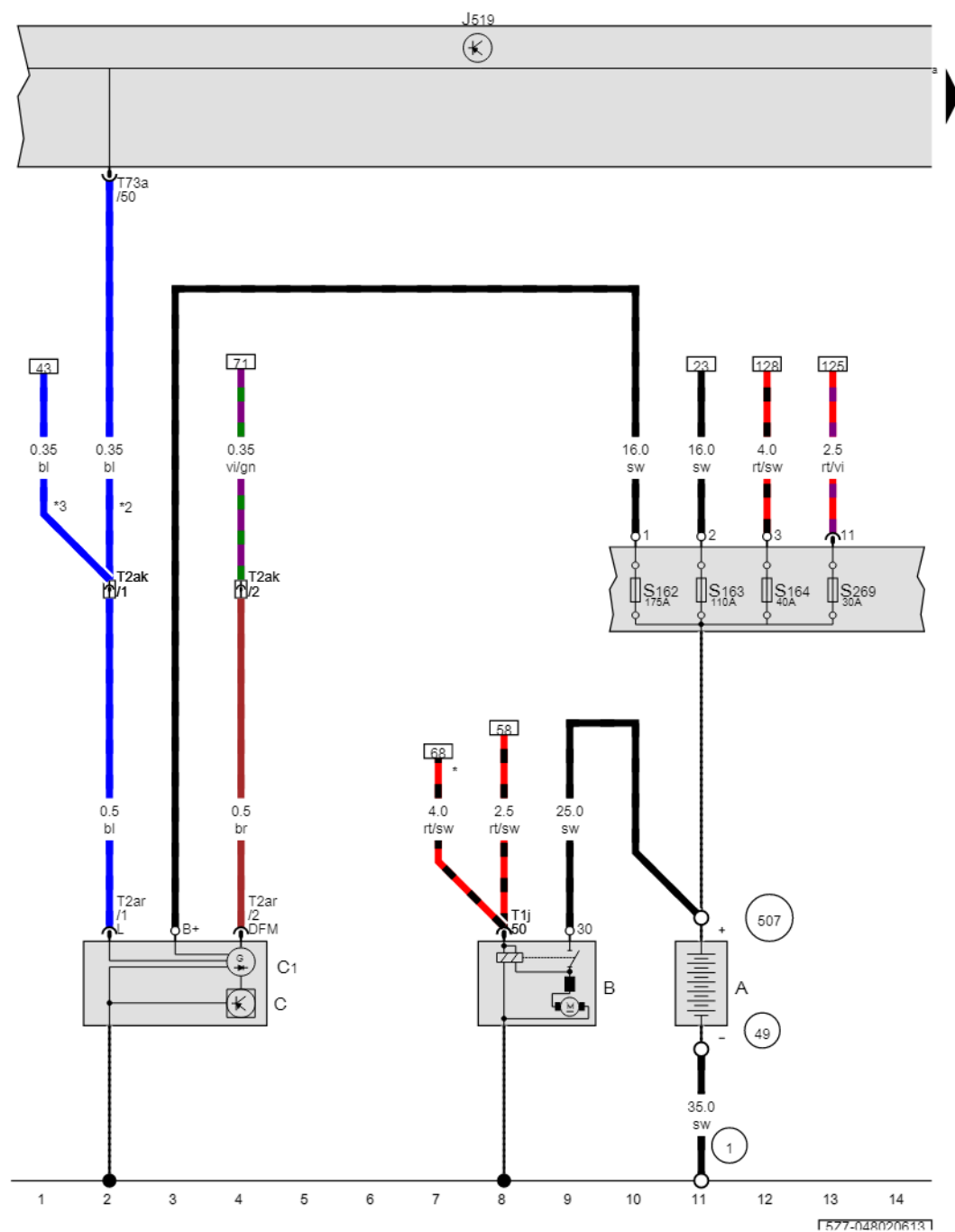
\* Only models with onboard supply control unit BFM  
 \*2 Only models with onboard supply control unit BCM

vs = white  
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 t = red  
 r = brown  
 n = green  
 l = blue  
 r = grey

1.6l engine , CCRA

From April 2013



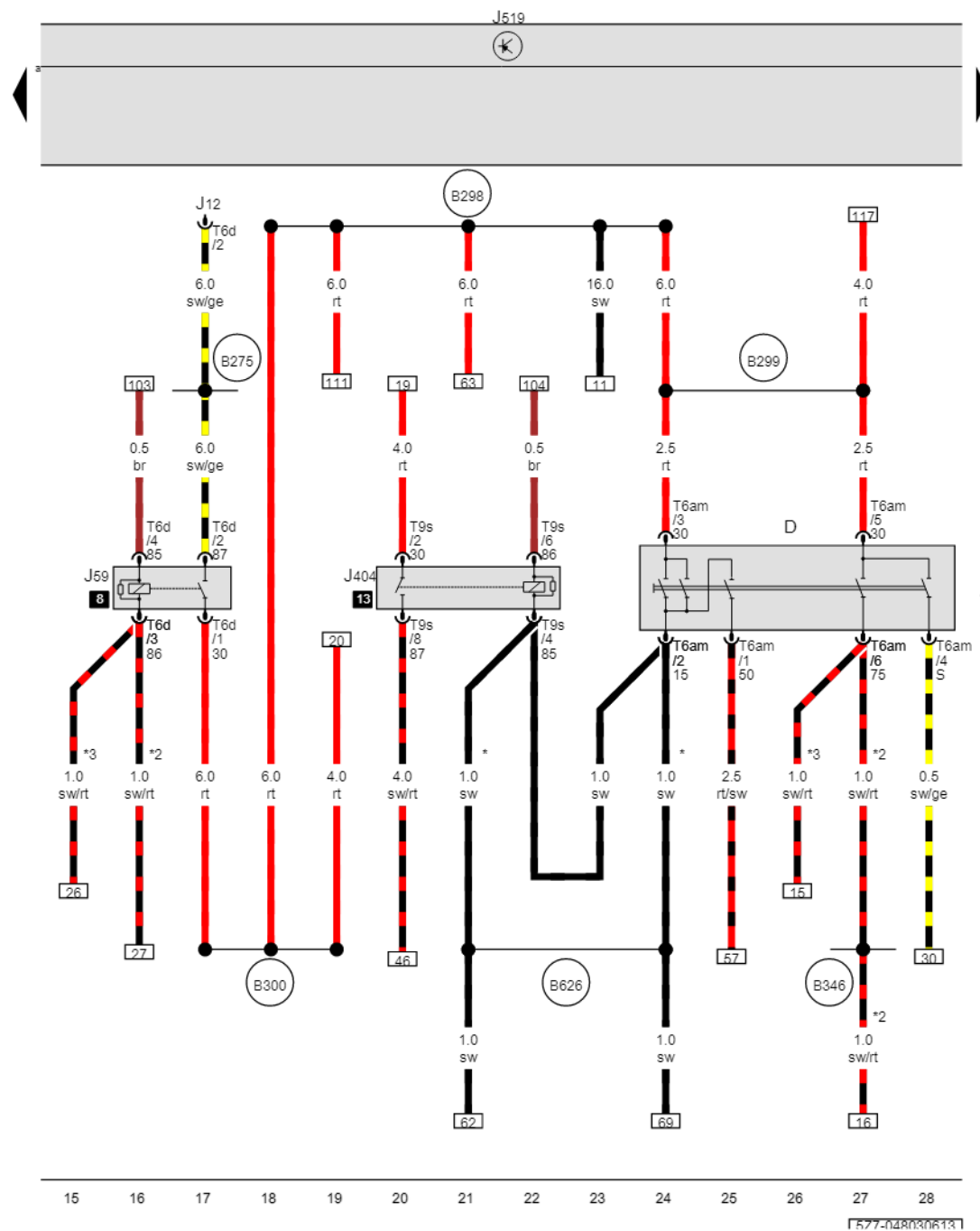


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- |      |  |
|------|--|
| A    | Battery                                |
| B    | Starter                                |
| C    | Alternator                             |
| C1   | Voltage regulator                      |
| J519 | Onboard supply control unit            |
| S162 | Fuse 1 (30), in battery fuse holder    |
| S163 | Fuse 2 (30), in battery fuse holder    |
| S164 | Fuse 3 (30), in battery fuse holder    |
| S269 | Fuse 11 (30), in battery fuse holder   |
| T1j  | Single connector                       |
| T2ak | 2-pin connector, in engine compartment |
| T2ar | 2-pin connector                        |
| T73a | 73-pin connector                       |

- |     |  |
|-----|--|
| 1   | Earth strap, battery - body                      |
| 49  | Earth point, near ..., near battery              |
| 507 | Threaded connection (30), on battery fuse holder |
| *   | Only models with automated manual gearbox        |
| *2  | Only models with onboard supply control unit BFM |
| *3  | Only models with onboard supply control unit BCM |

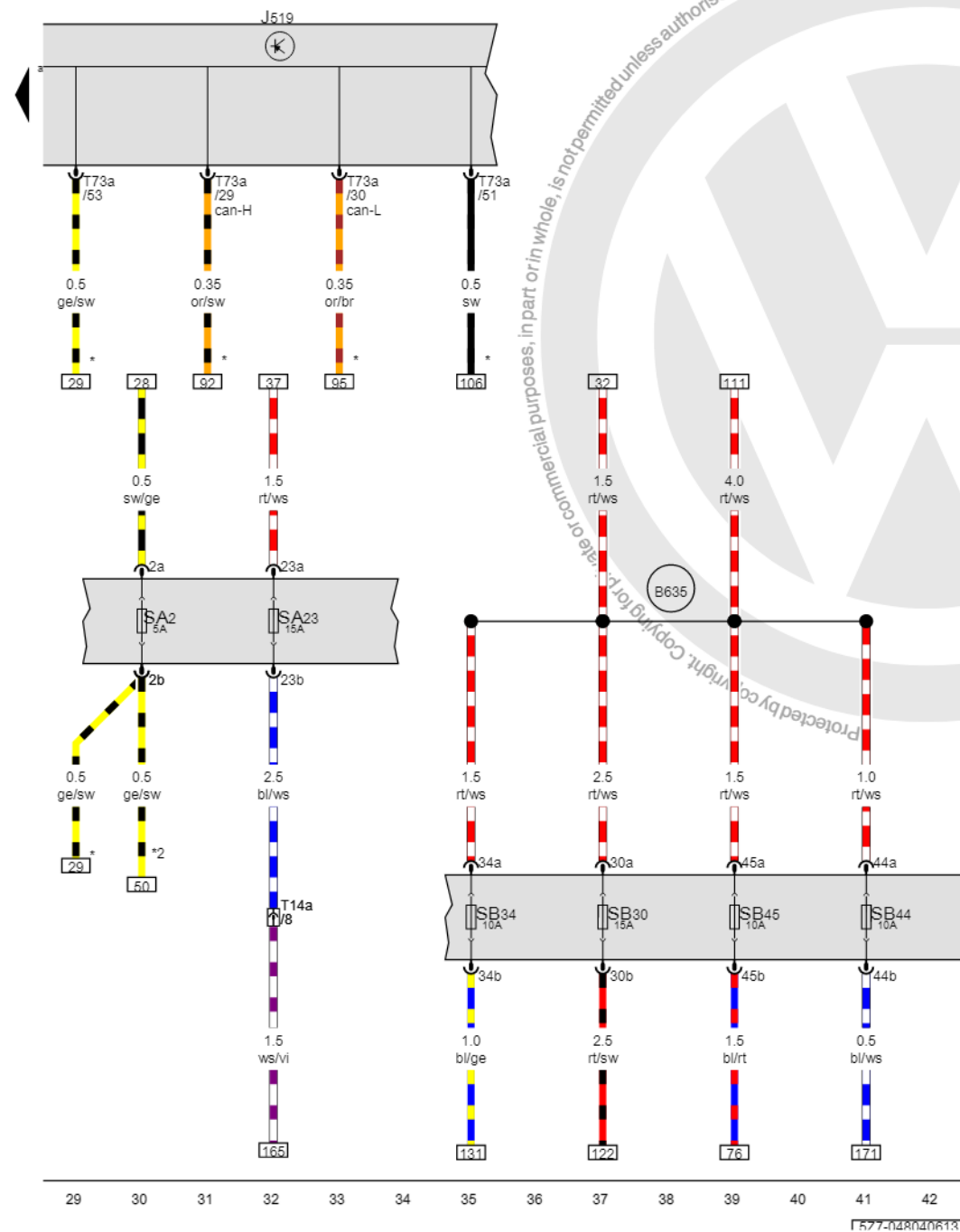
- ws = white  
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ro = red  
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br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA23 Fuse 23 in fuse holder A
- SB34 Fuse 34 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T14a 14-pin connector, on left in engine compartment
- T73a 73-pin connector

B635 Positive connection 3 (87), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

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- rt = red
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- rs = pink



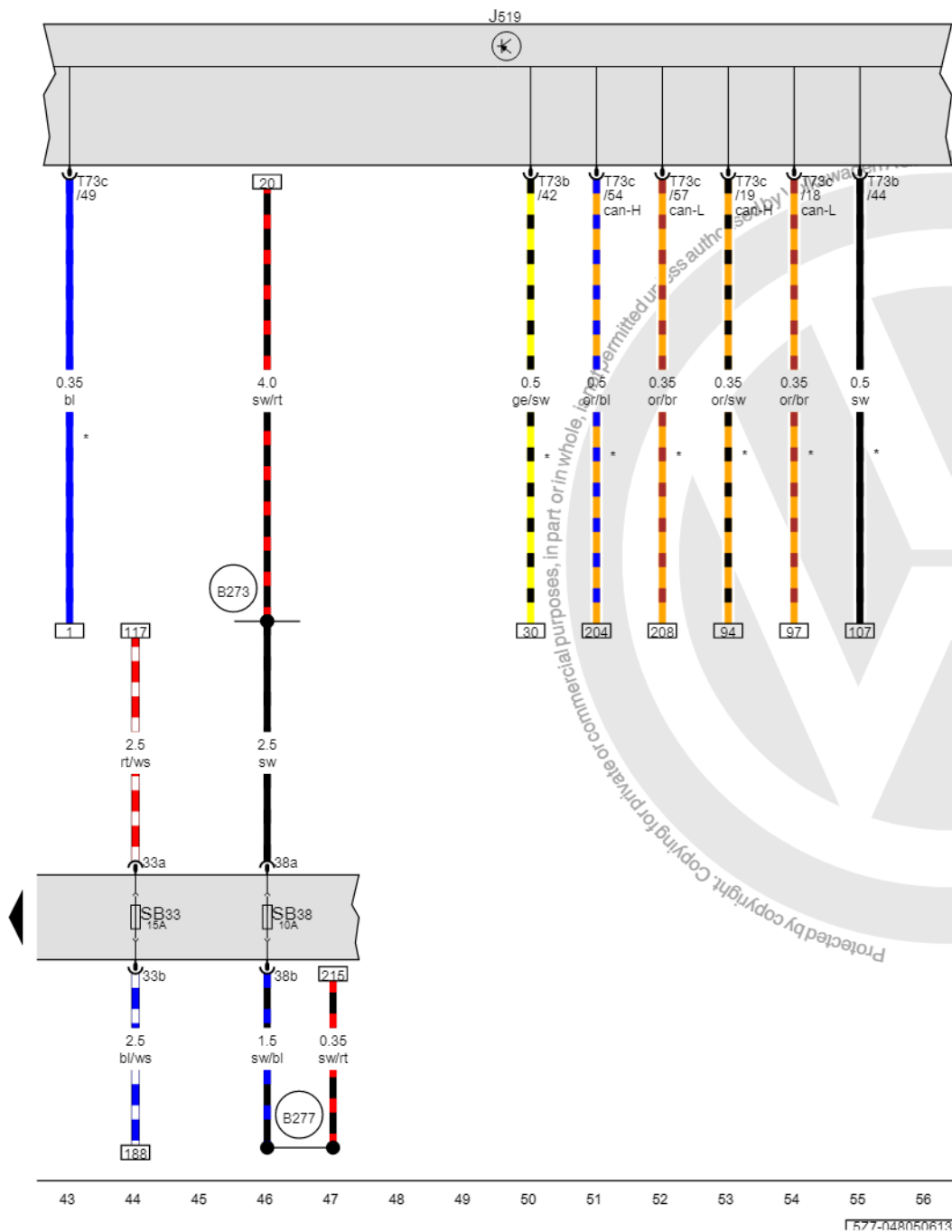
Onboard supply control unit

- J519 Onboard supply control unit
- SB33 Fuse 33 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

Only models with onboard supply control unit BCM



1577-048050613

Clutch pedal switch, Starter motor relay, Engine control unit,  
Starter motor relay 2

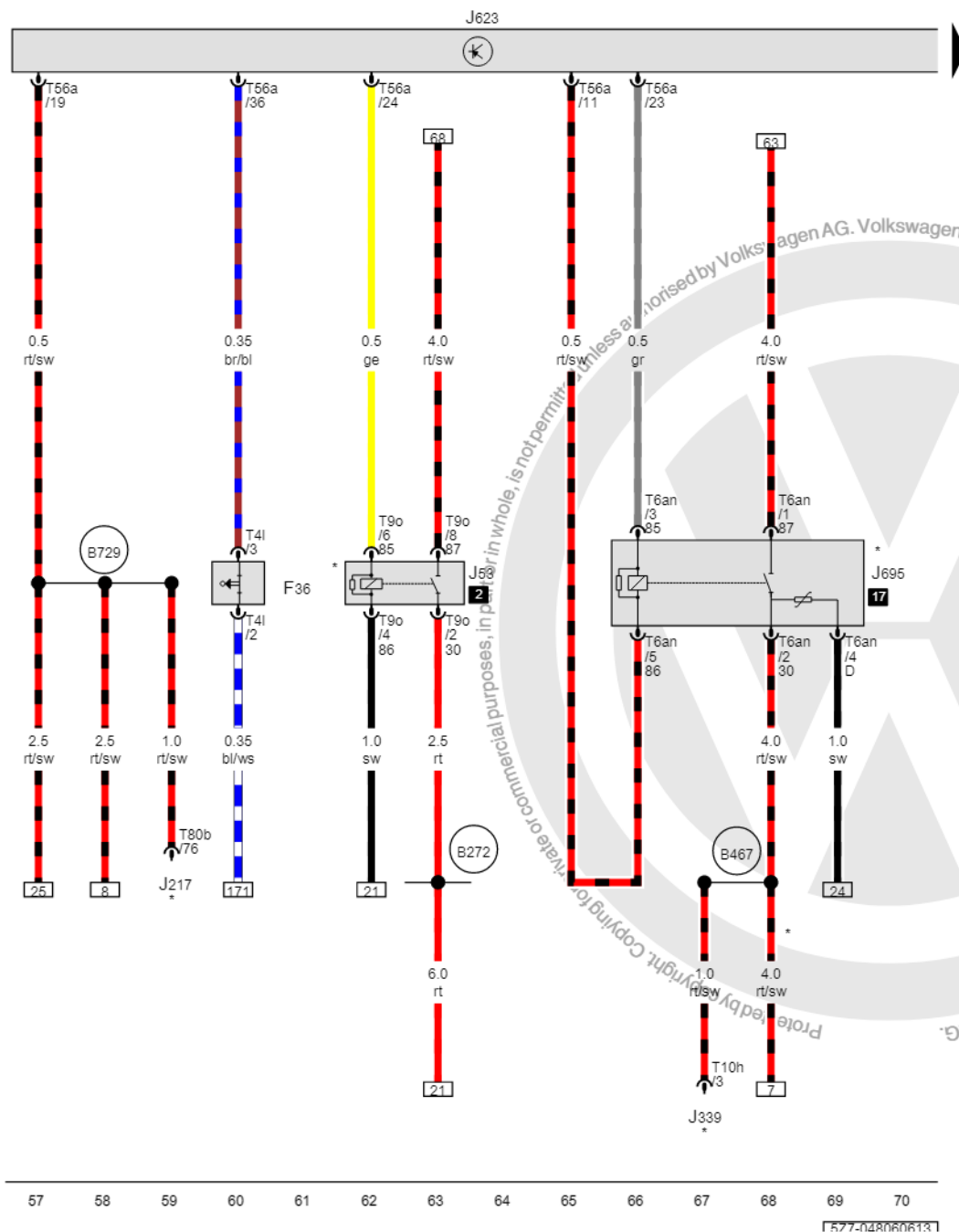
- F36 Clutch pedal switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T4l 4-pin connector
- T6an 6-pin connector
- T9o 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

B272 Positive connection (30), in main wiring harness

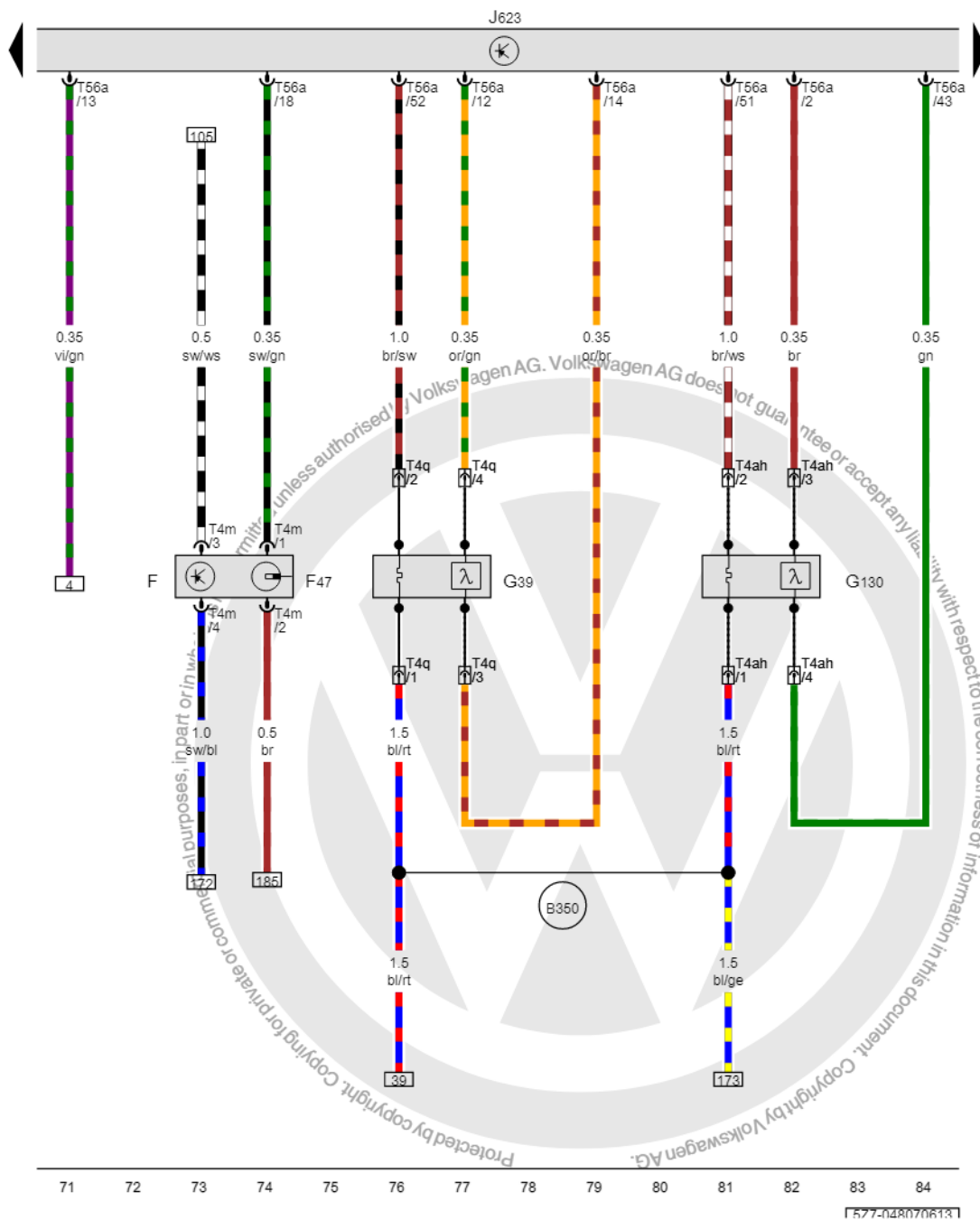
B467 Connection 3, in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with automated manual gearbox



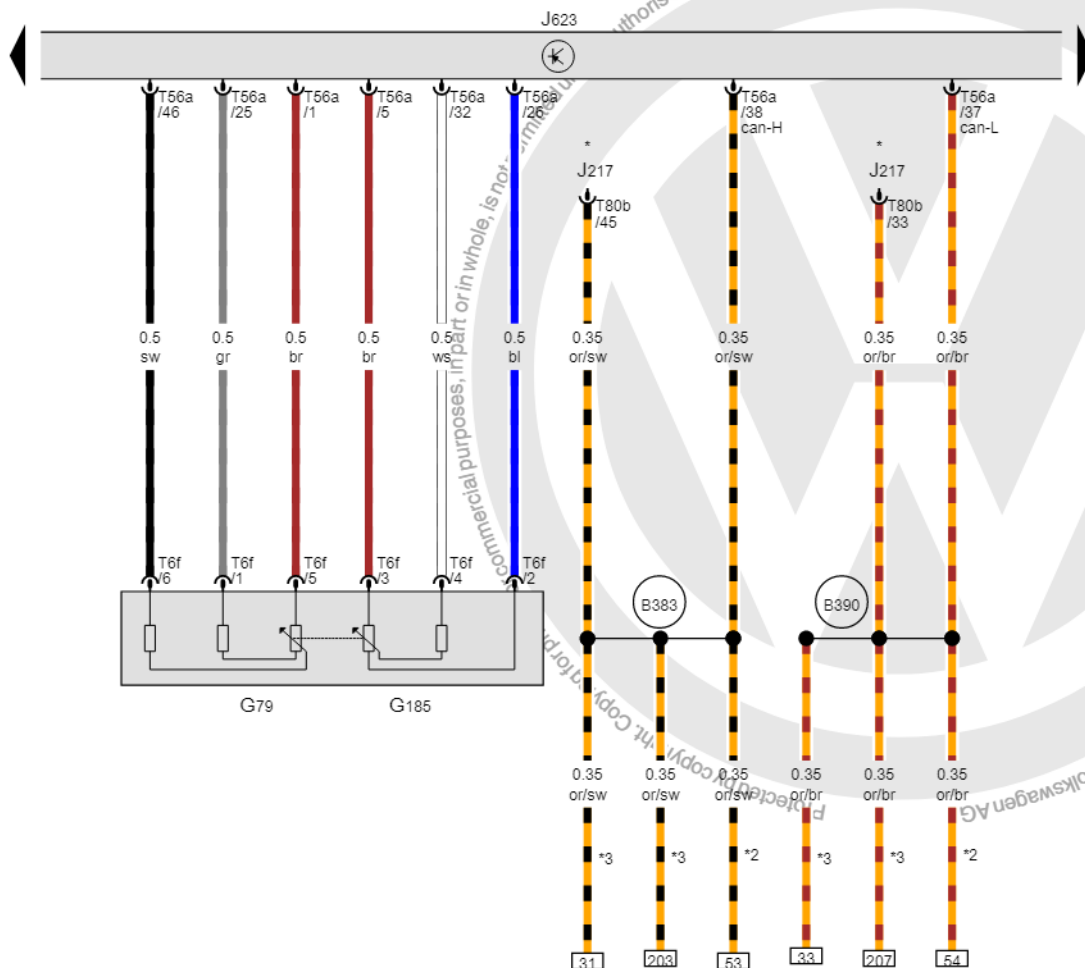
- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake light switch, Brake pedal switch, Lambda probe, Lambda probe after catalytic converter, Engine control unit

- F Brake light switch
- F47 Brake pedal switch
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4ah 4-pin connector
- T4m 4-pin connector
- T4q 4-pin connector
- T56a 56-pin connector

B350 Positive connection 1 (87a) in main wiring harness



Accelerator position sender, Accelerator position sender 2, Engine control unit

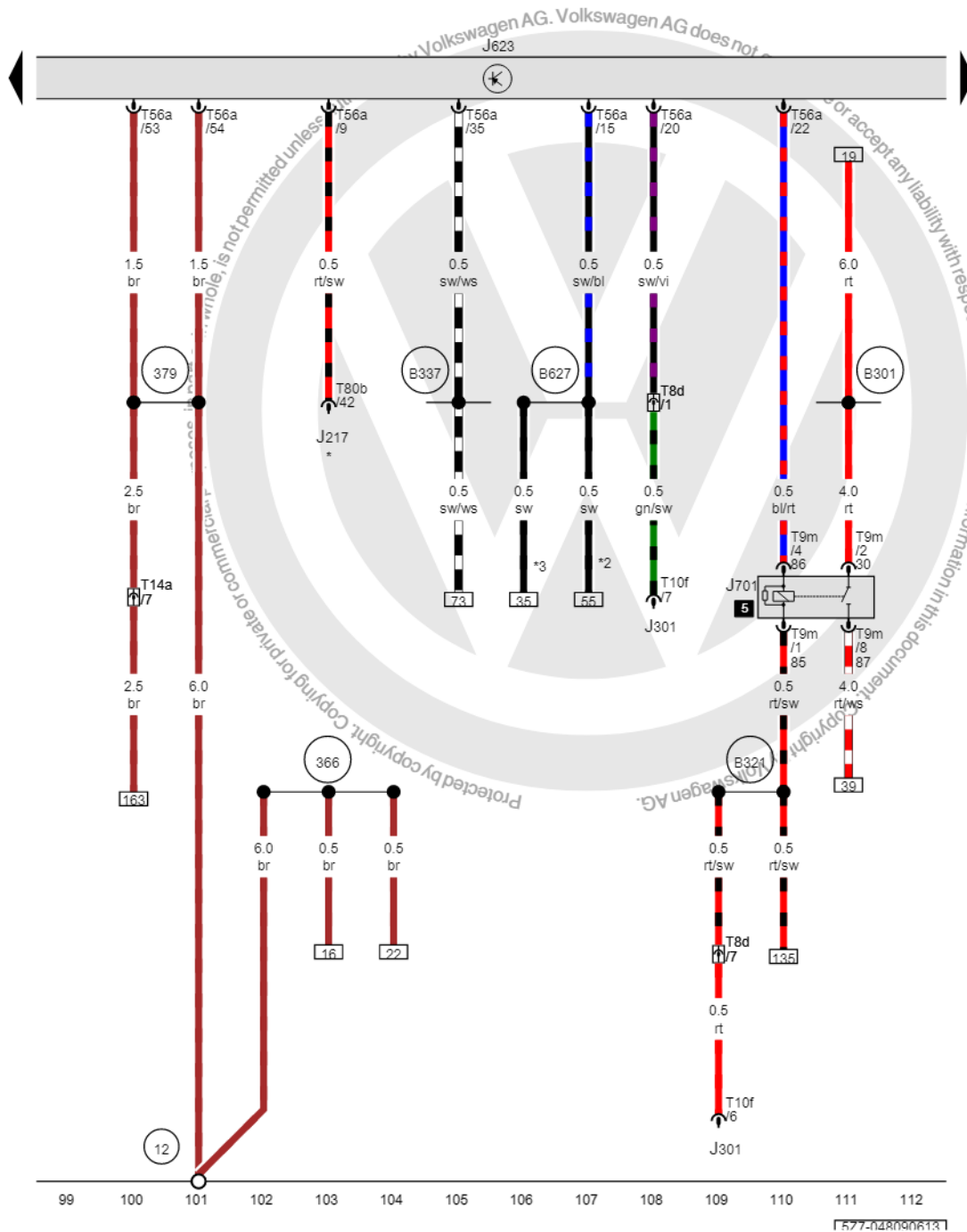
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T6f 6-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



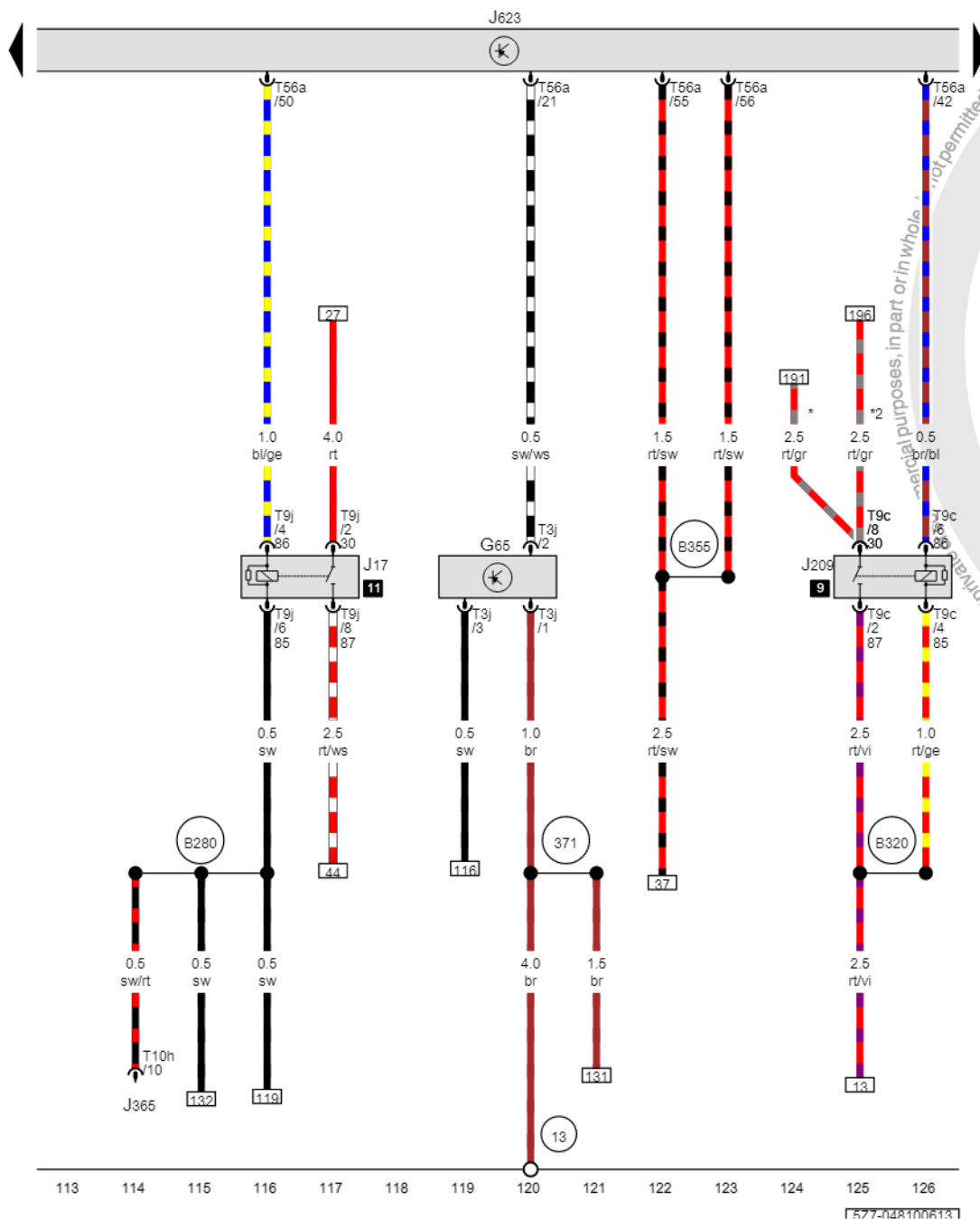
## Engine control unit, Voltage supply relay 1

- |      |   |
|------|---|
| J217 | Automatic gearbox control unit                  |
| J301 | Air conditioning system control unit            |
| J623 | Engine control unit                             |
| J701 | Voltage supply relay 1                          |
| T8d  | 8-pin connector, behind dash panel, centre      |
| T9m  | 9-pin connector                                 |
| T10f | 10-pin connector                                |
| T14a | 14-pin connector, on left in engine compartment |
| T56a | 56-pin connector                                |
| T80b | 80-pin connector                                |

- 12 Earth point, on left in engine compartment
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

- \* Only models with automated manual gearbox  
\*2 Only models with onboard supply control unit BCM  
\*3 Only models with onboard supply control unit BFM

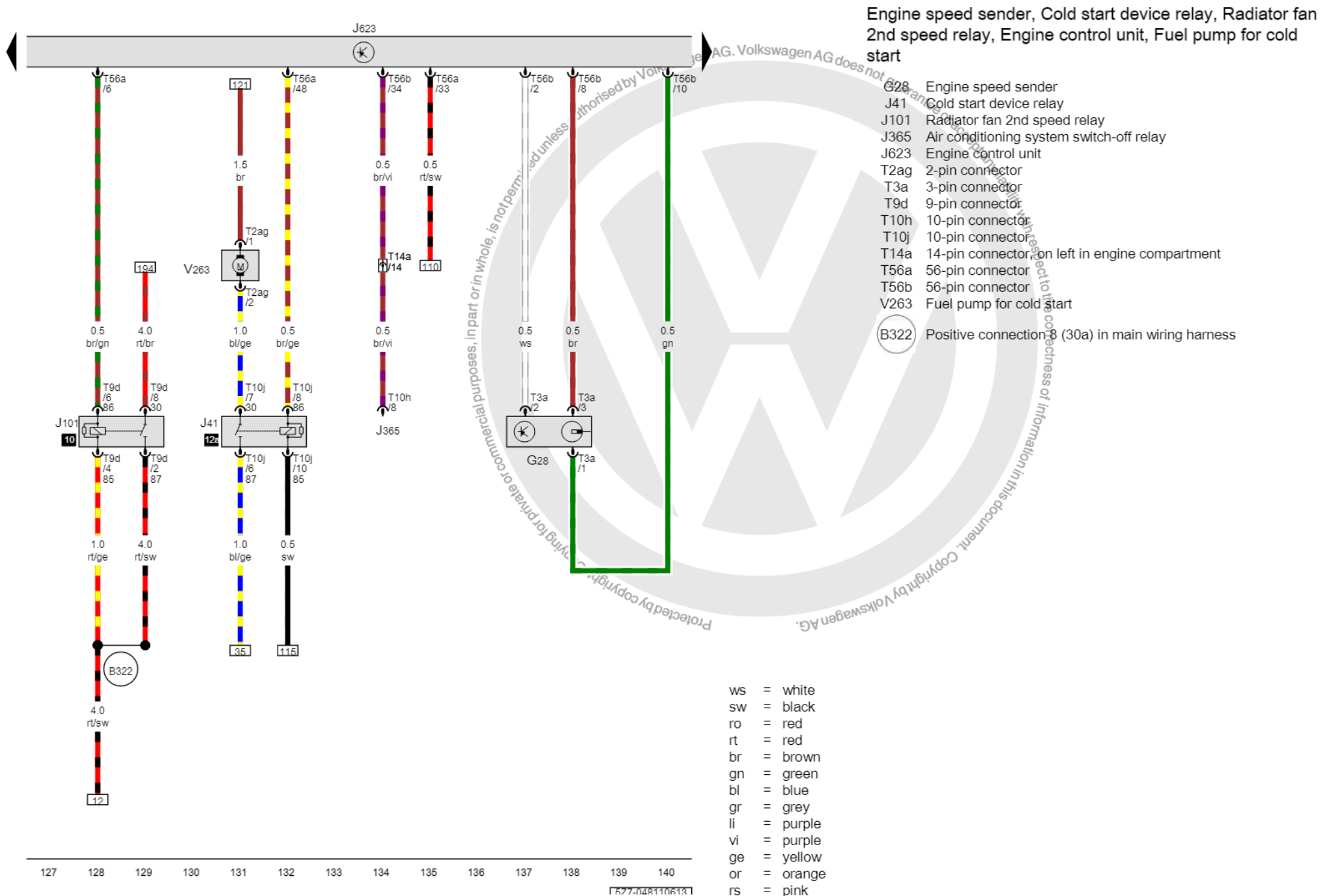
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



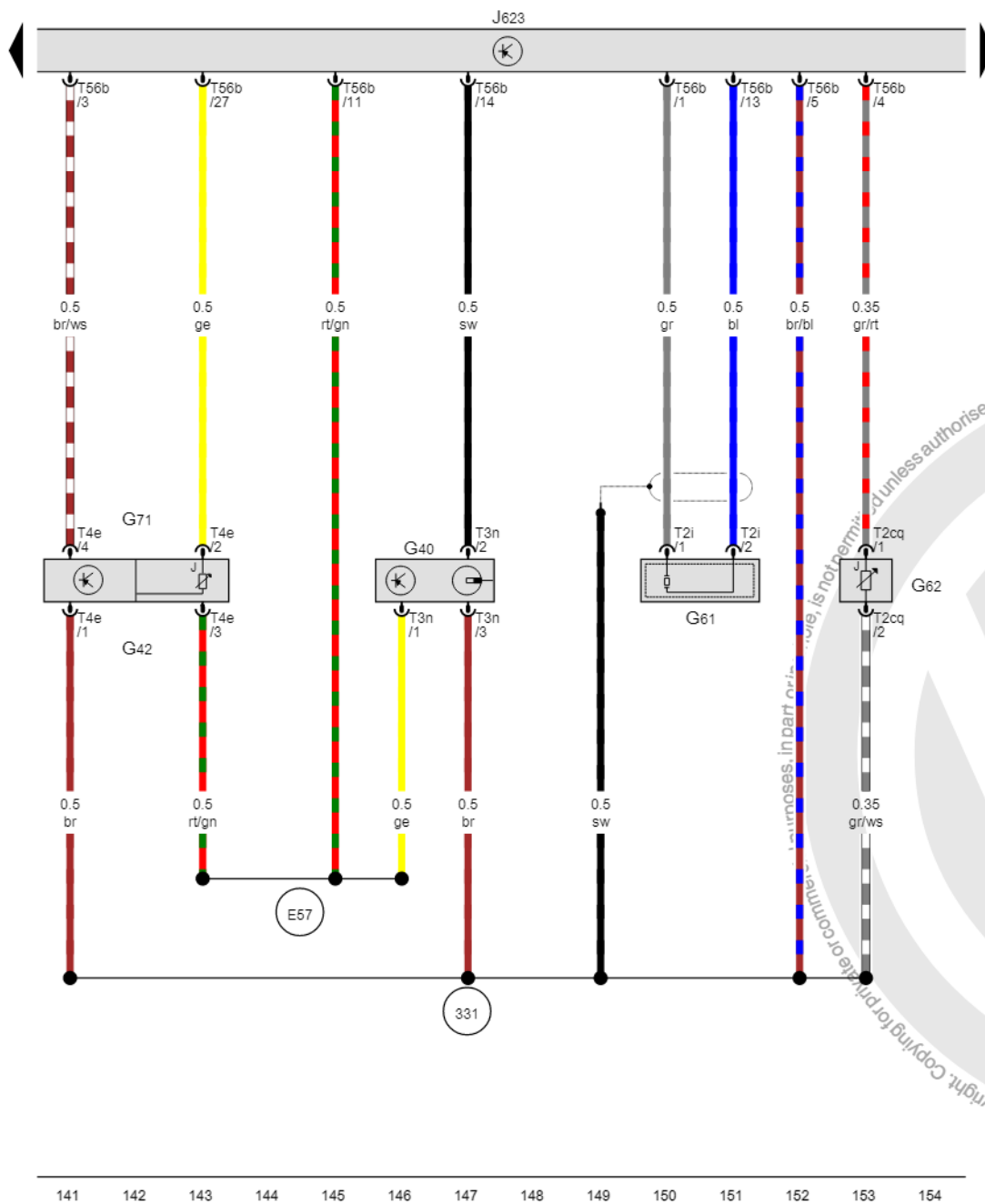
High-pressure sender, Fuel pump relay, Fresh air blower and radiator fan relay, Engine control unit

- G65 High-pressure sender
- J17 Fuel pump relay
- J209 Fresh air blower and radiator fan relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3j 3-pin connector
- T9c 9-pin connector
- T9j 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector
- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- \* Only models with no air conditioning system
- \*2 Only models with air conditioning system

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink







Hall sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector

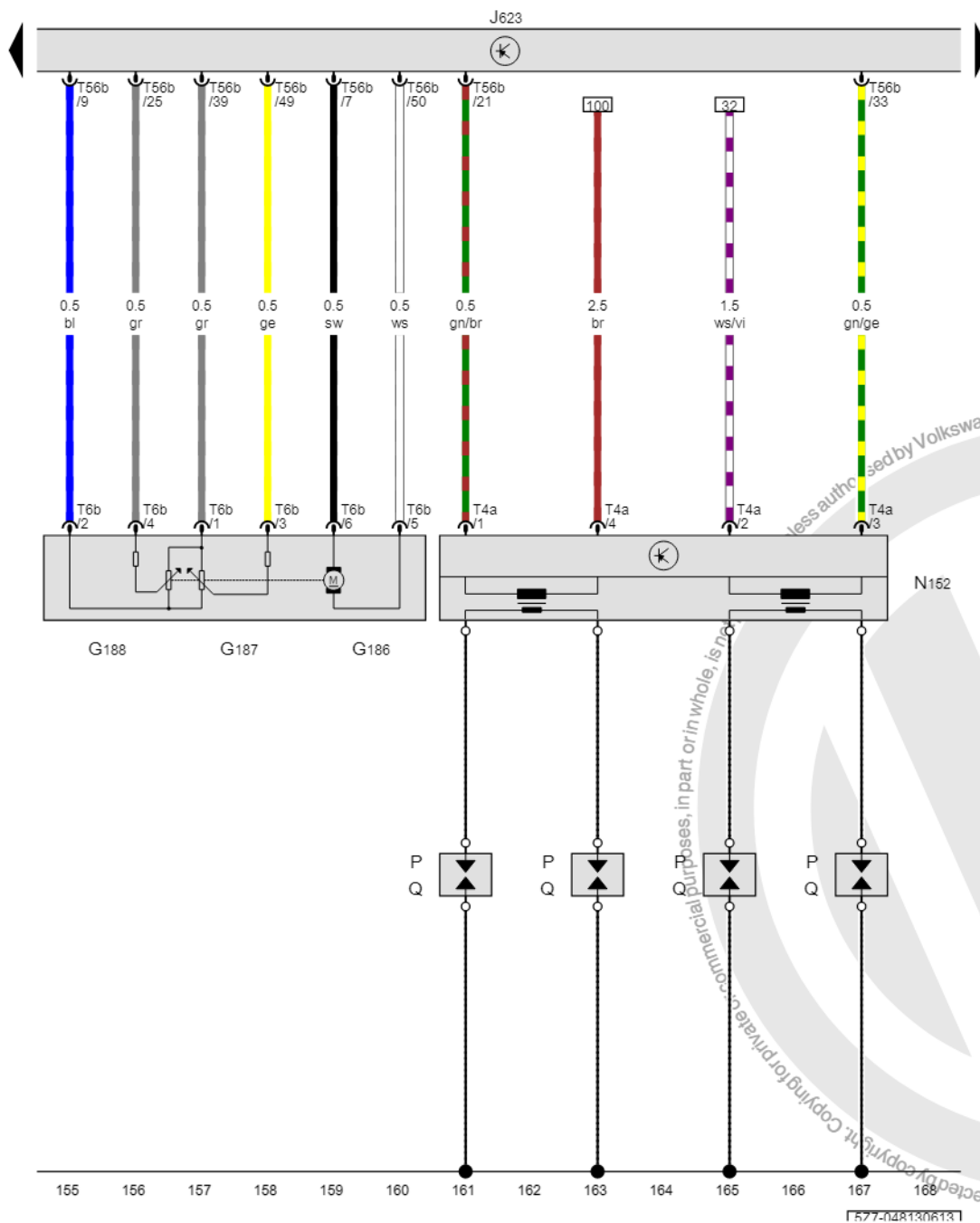
331 Earth connection, in injection system wiring harness

E57 Connection 2, in injection system wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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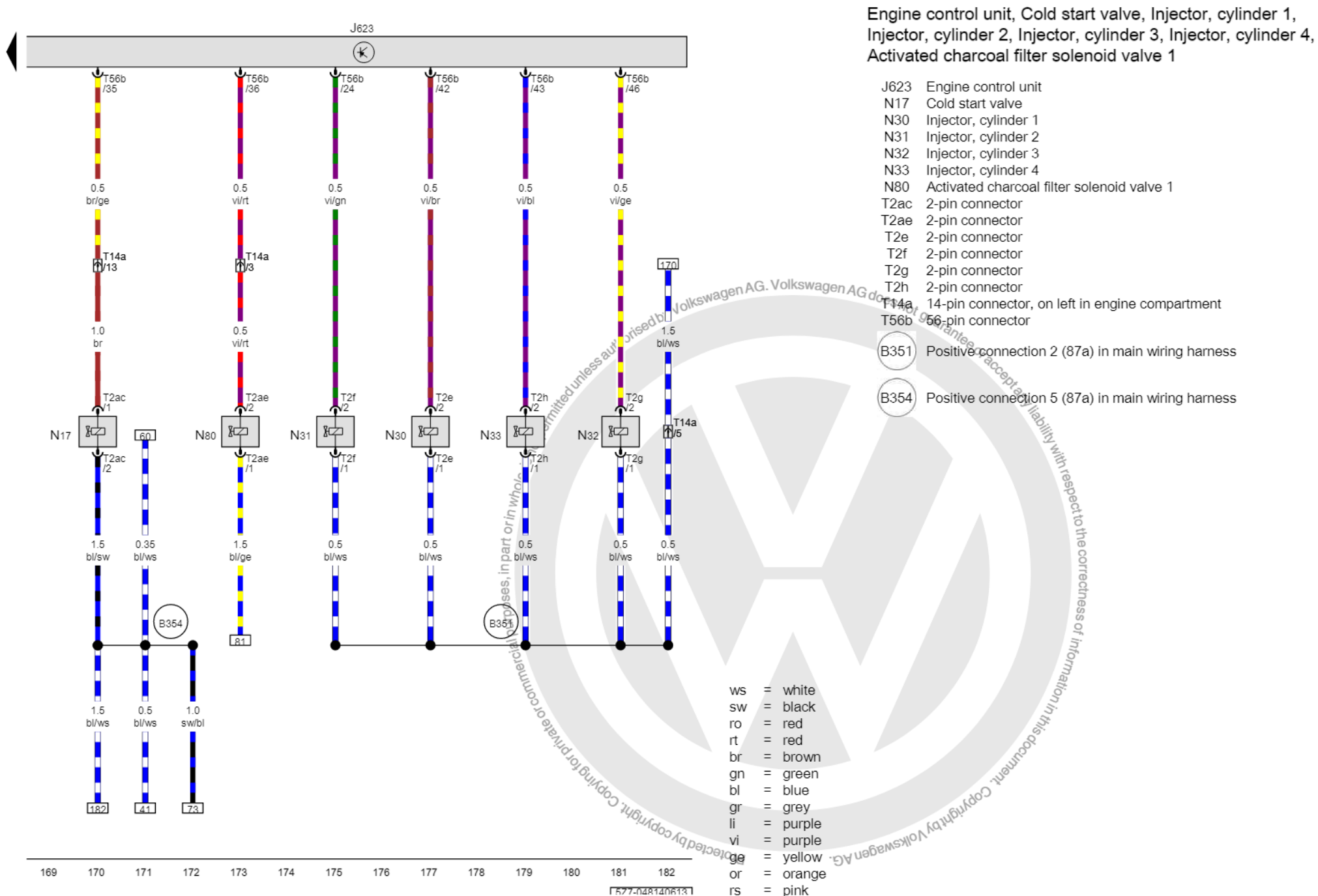




Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T4a 4-pin connector
- T6b 6-pin connector
- T56b 56-pin connector

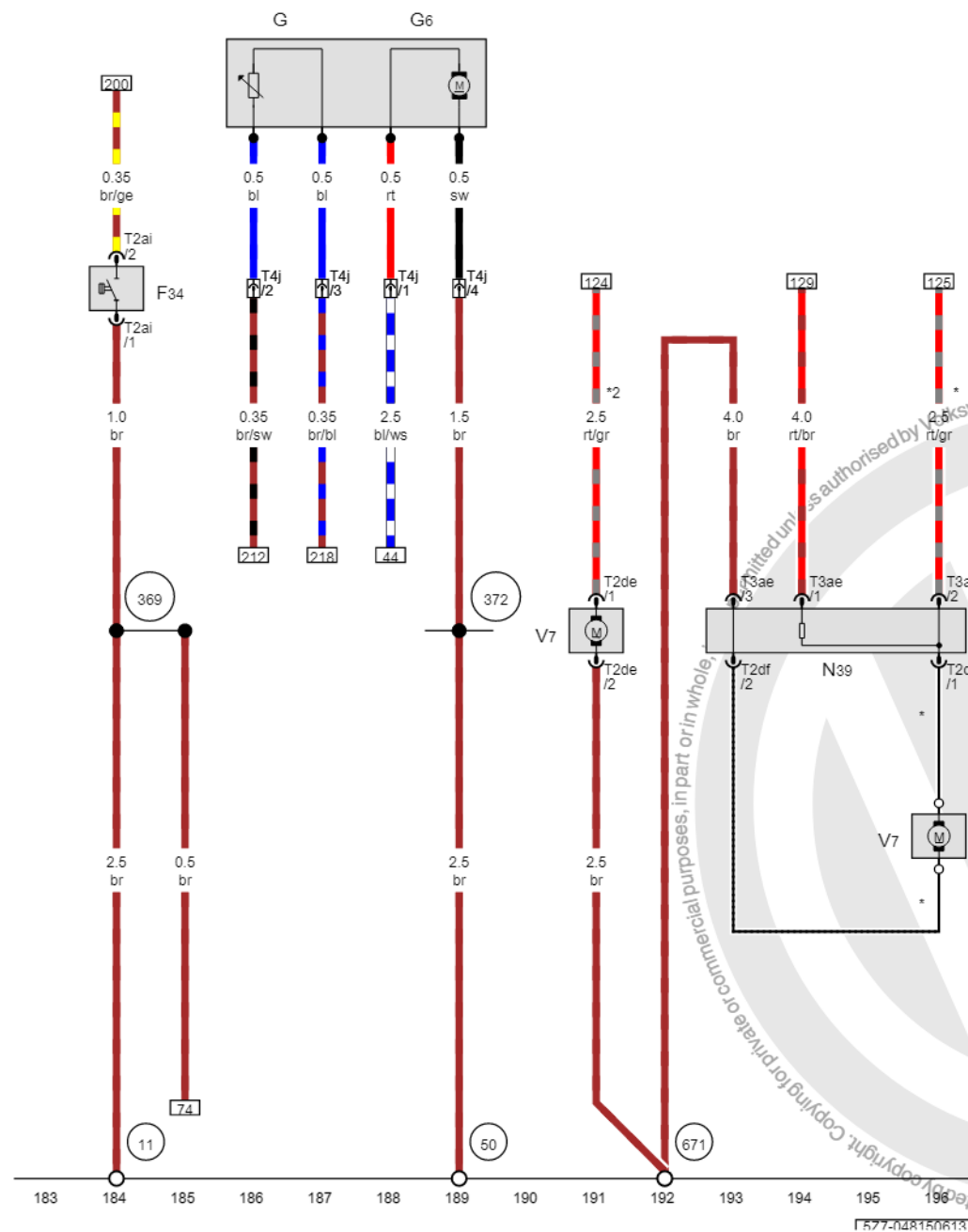
- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- ts = pink

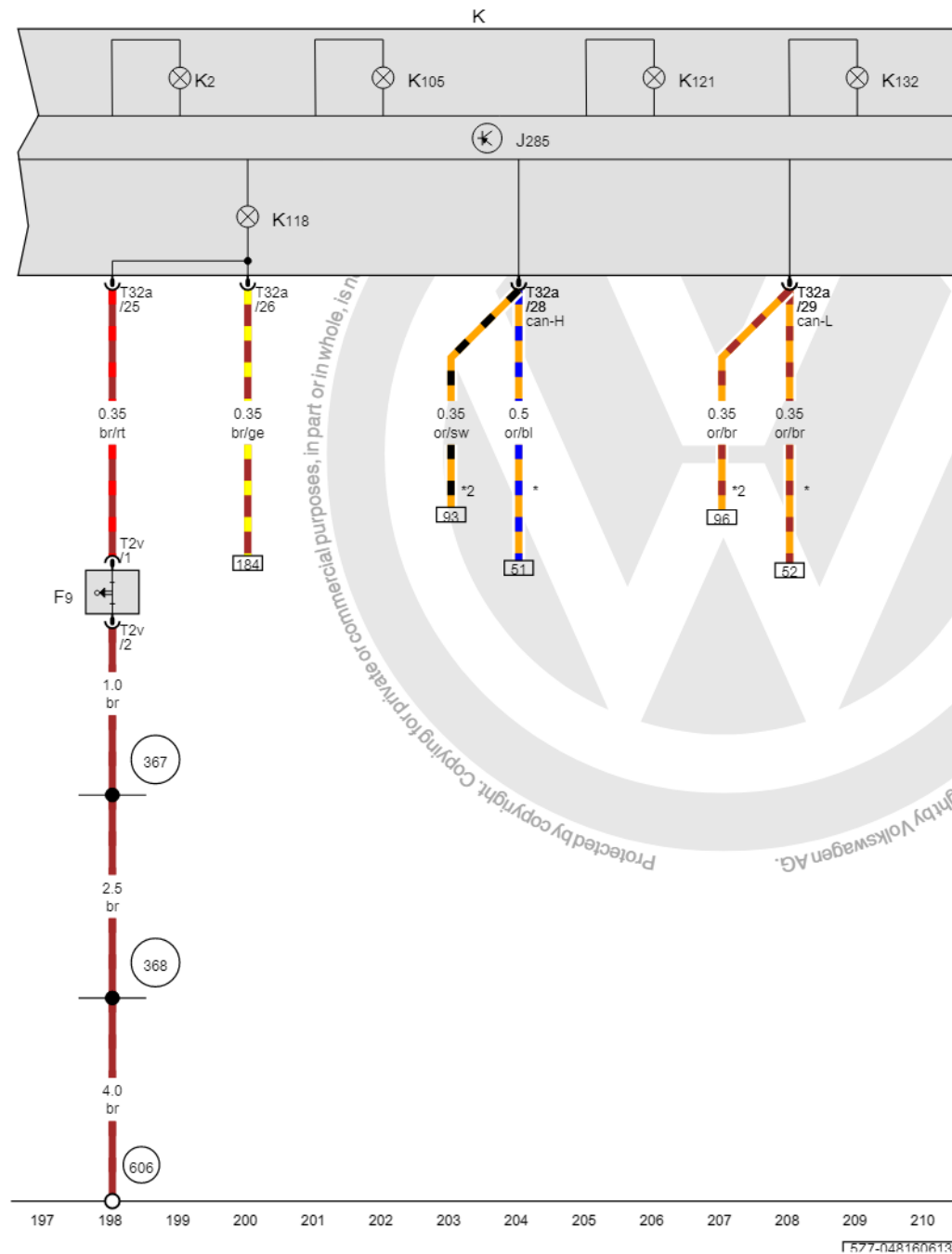


Brake fluid level warning contact, Fuel gauge sender, Fuel system pressurisation pump, Radiator fan series resistor, Radiator fan

- F34 Brake fluid level warning contact
- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- N39 Radiator fan series resistor
- T2ai 2-pin connector
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T4j 4-pin connector
- V7 Radiator fan

- 11 Earth point, in battery box
- 50 Earth point, on left in luggage compartment
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- \* Only models with air conditioning system
- \*2 Only models with no air conditioning system





Handbrake warning switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F9 Handbrake warning switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T2v 2-pin connector
- T32a 32-pin connector

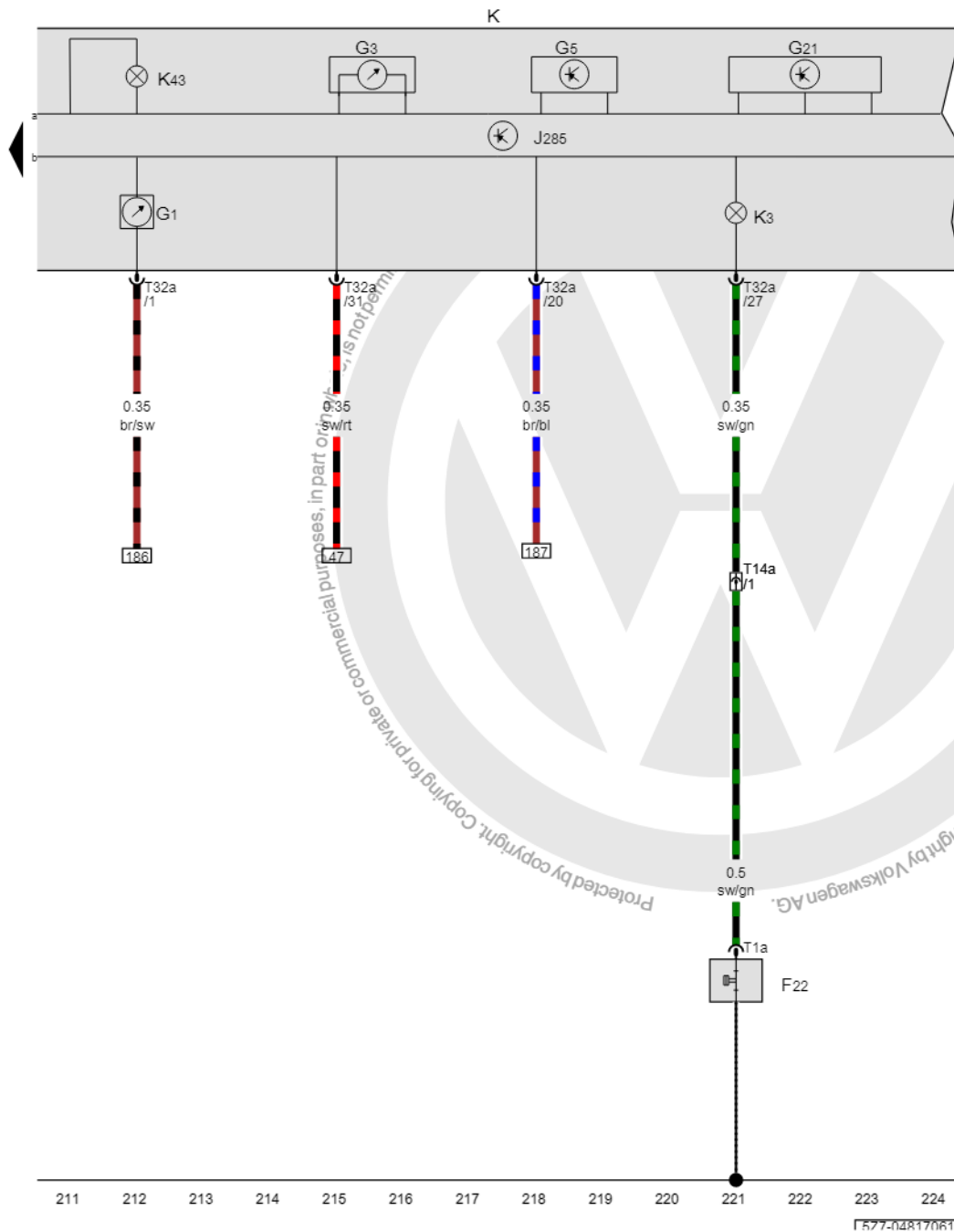
367 Earth connection 2, in main wiring harness

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



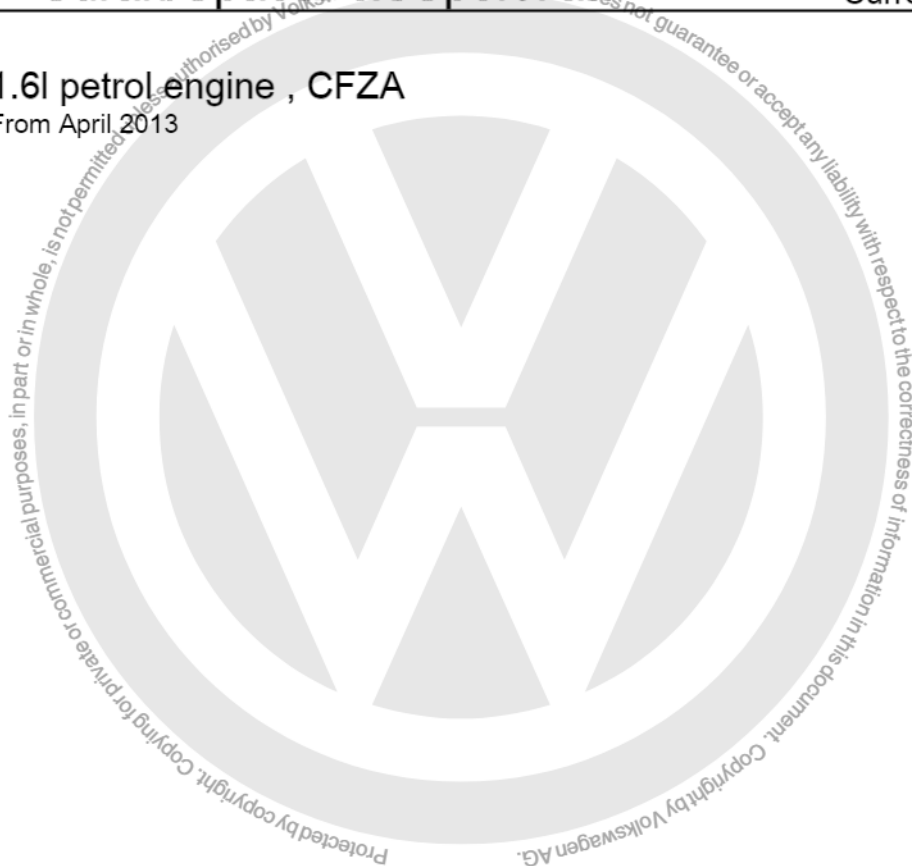
Oil pressure switch, Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Coolant temperature warning lamp (too cold)

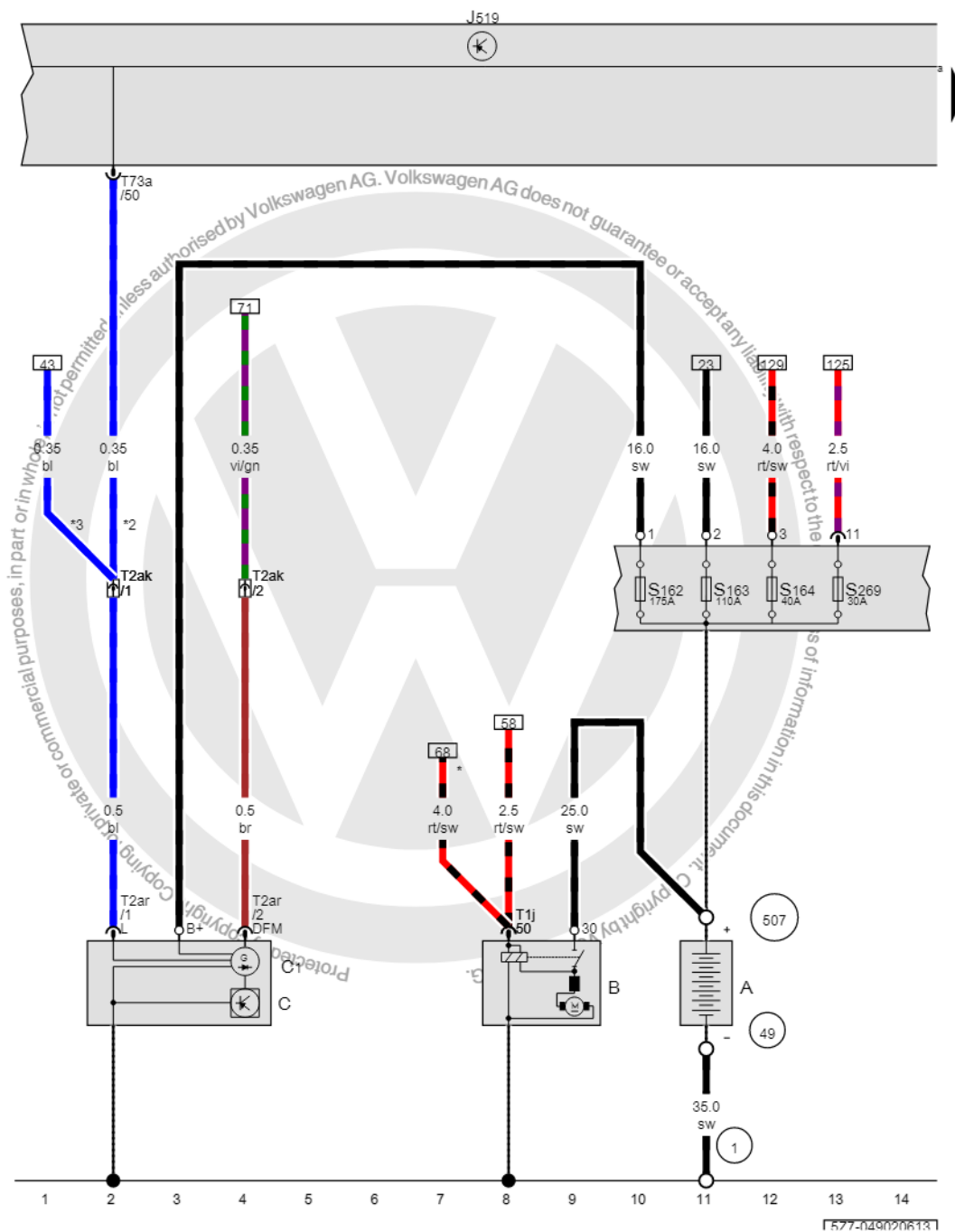
- F22 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## 1.6l petrol engine , CFZA

From April 2013





Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

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- br = brown
- gn = green
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- gr = grey
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- vi = purple
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- or = orange
- rs = pink

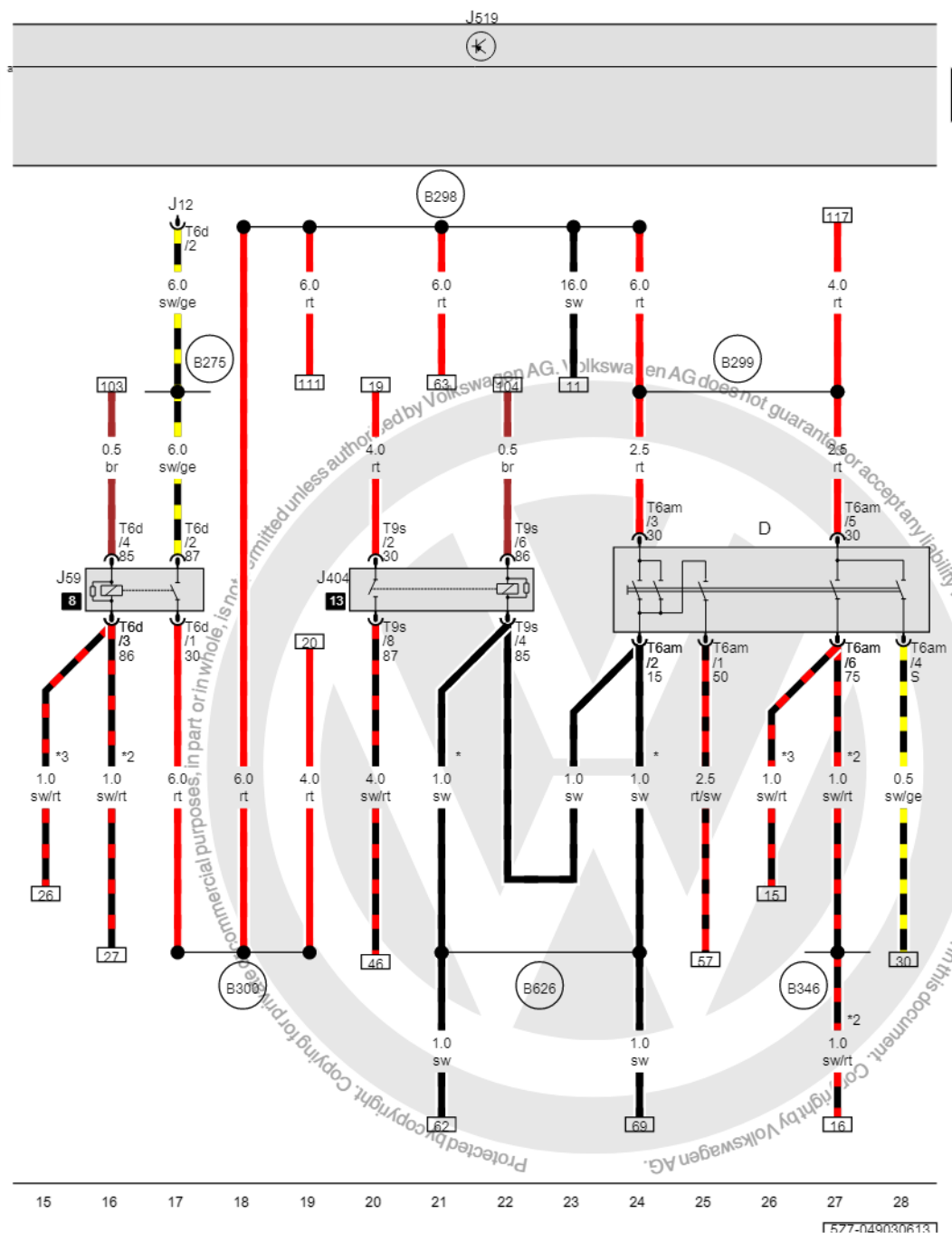
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

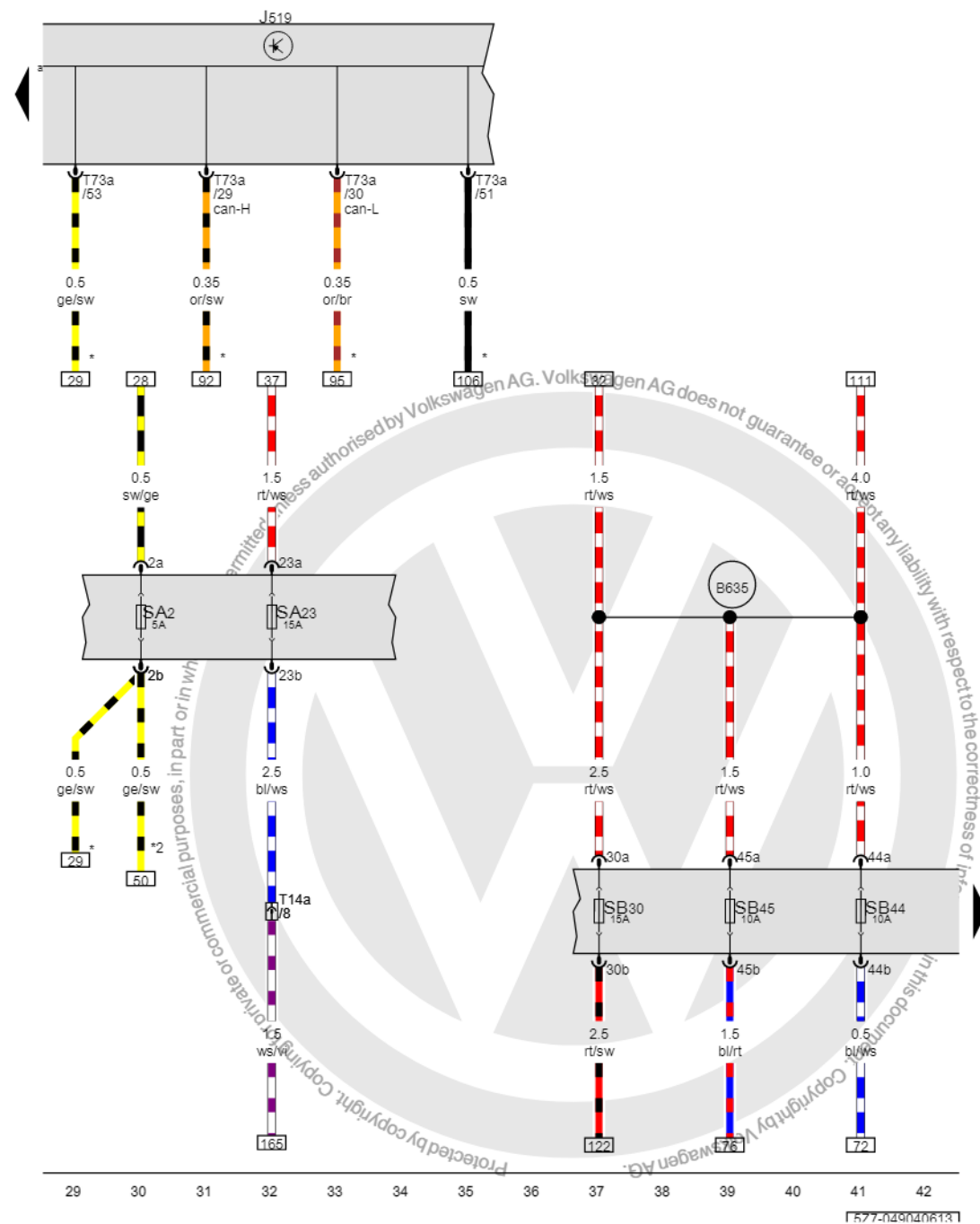
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink







### Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA23 Fuse 23 in fuse holder A
- SB30 Fuse 30 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T14a 14-pin connector, on left in engine compartment
- T73a 73-pin connector

B635 Positive connection 3 (87), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

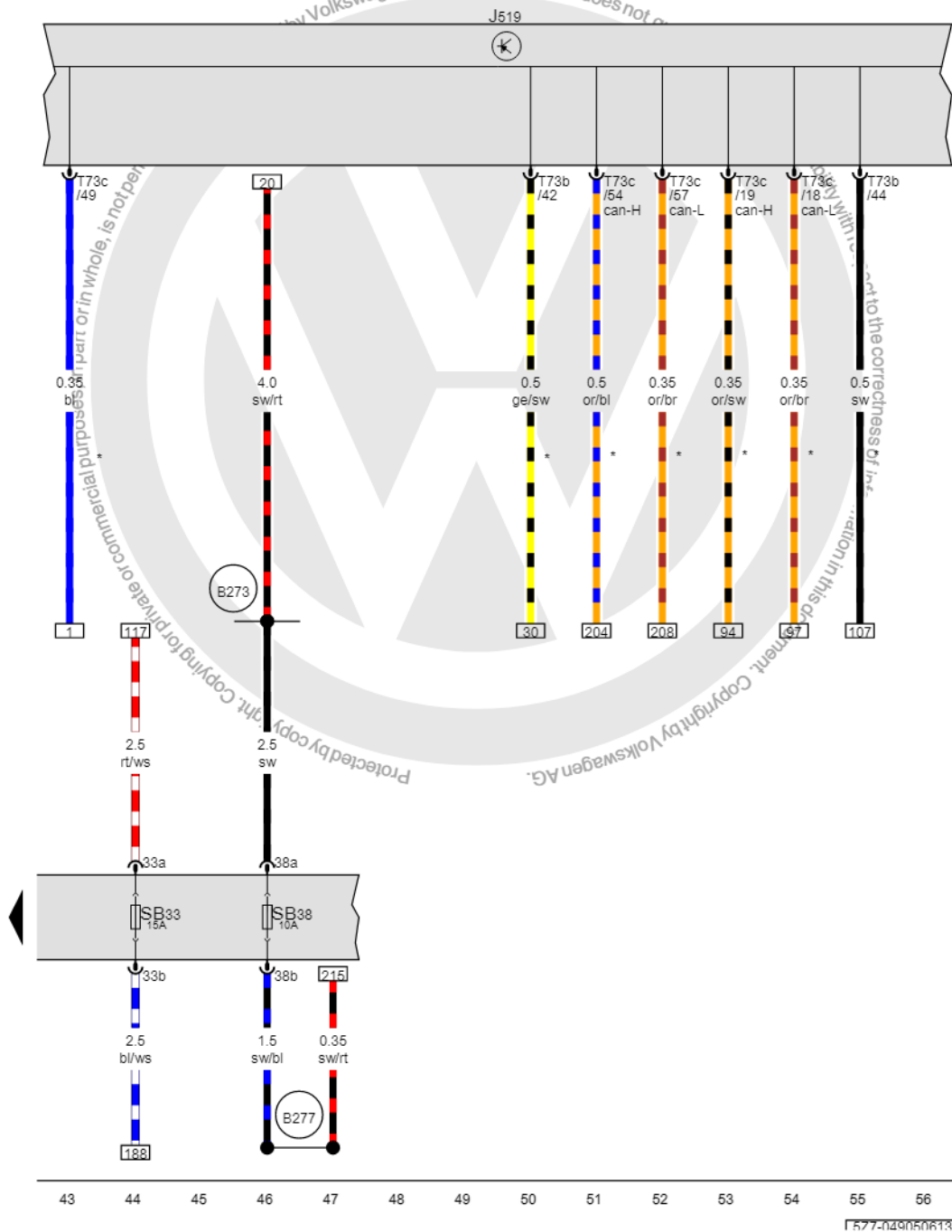
### Onboard supply control unit

J519 Onboard supply control unit  
 SB33 Fuse 33 on fuse holder B  
 SB38 Fuse 38 on fuse holder B  
 T73b 73-pin connector  
 T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

\* Only models with onboard supply control unit BCM



Clutch pedal switch, Starter motor relay, Engine control unit,  
Starter motor relay 2

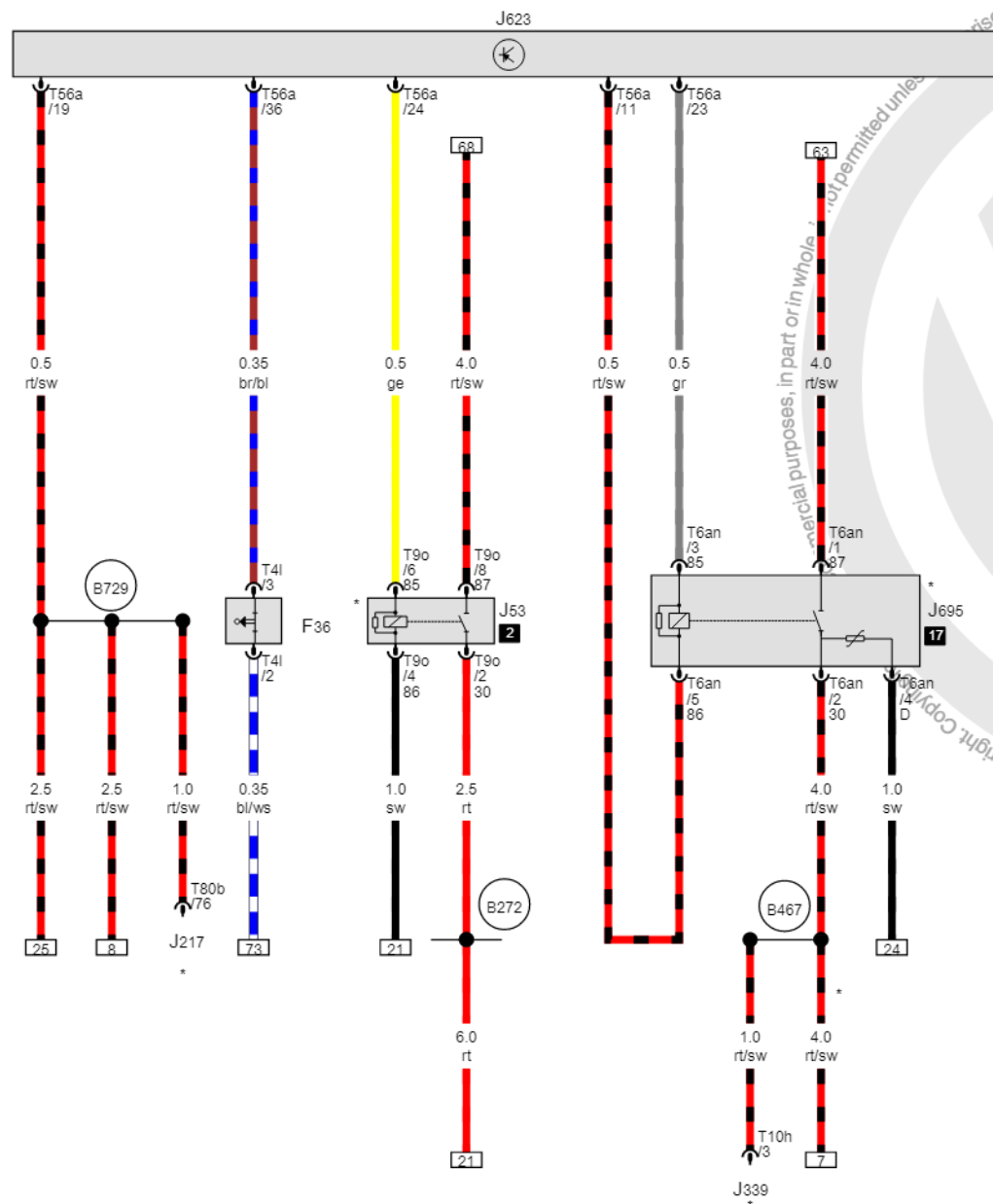
- F36 Clutch pedal switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T4l 4-pin connector
- T6an 6-pin connector
- T9o 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

(B272) Positive connection (30), in main wiring harness

(B467) Connection 3, in main wiring harness

(B729) Connection 1 (50), in main wiring harness

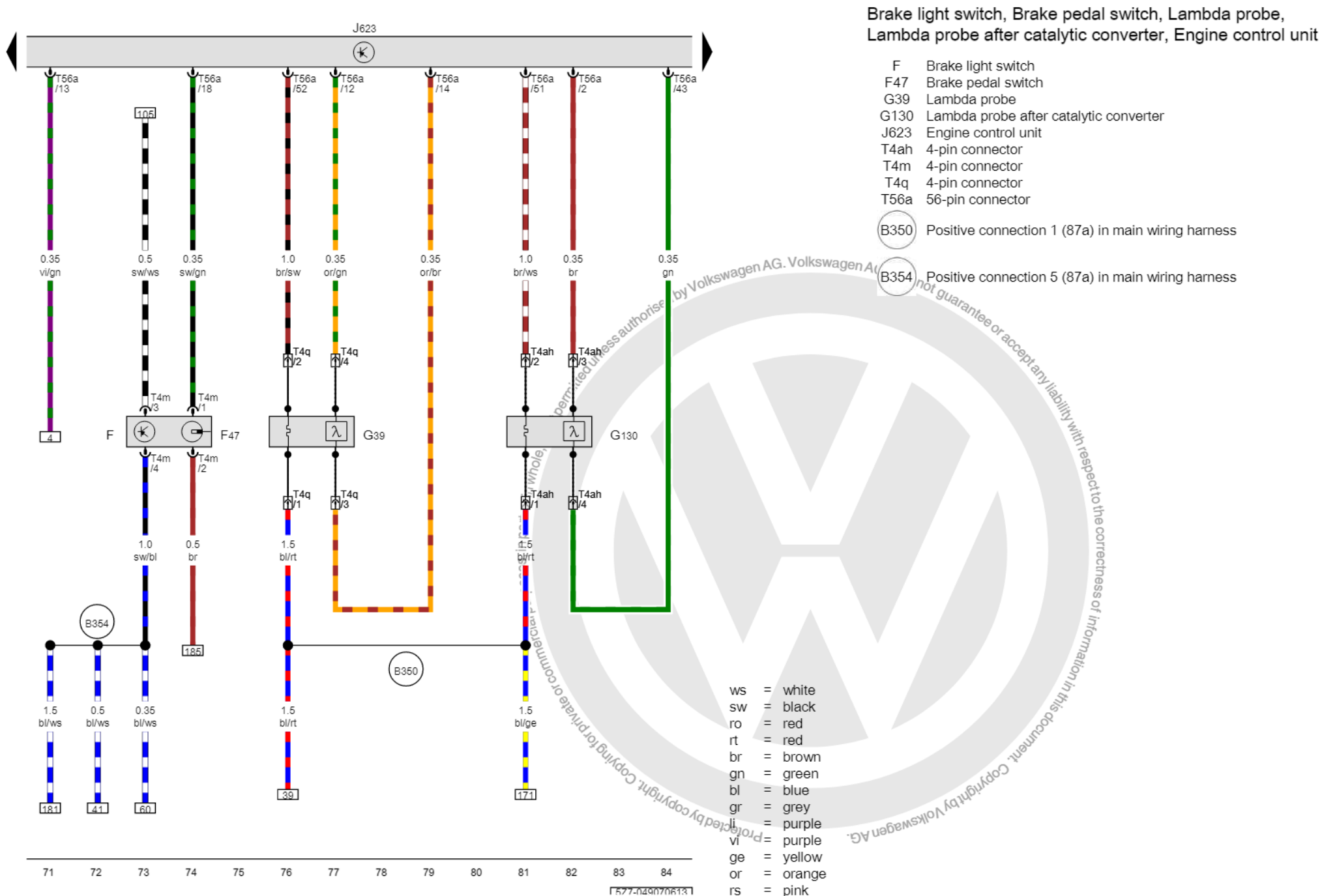
\* Only models with automated manual gearbox

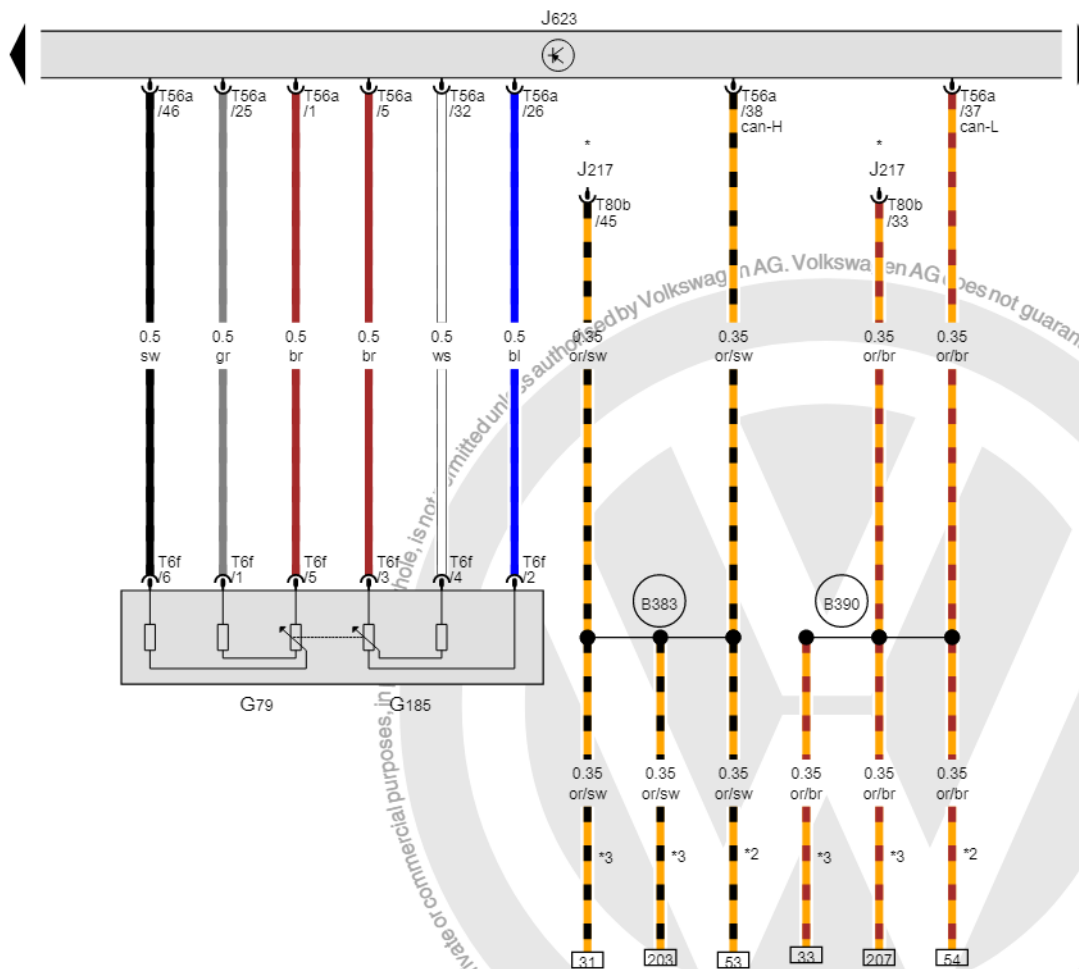


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

1577-1490R0613





# Accelerator position sender, Accelerator position sender 2, Engine control unit

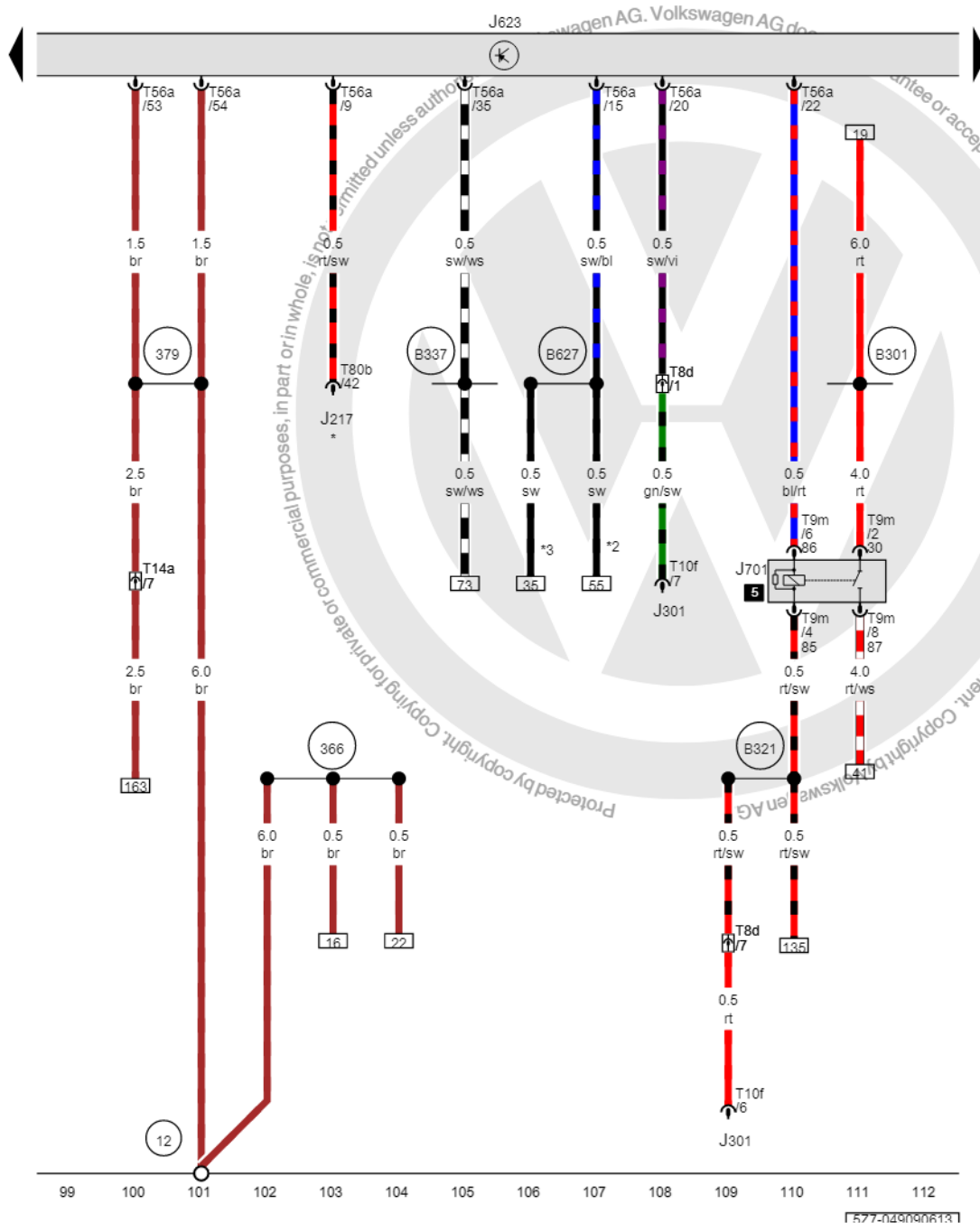
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T6f 6-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



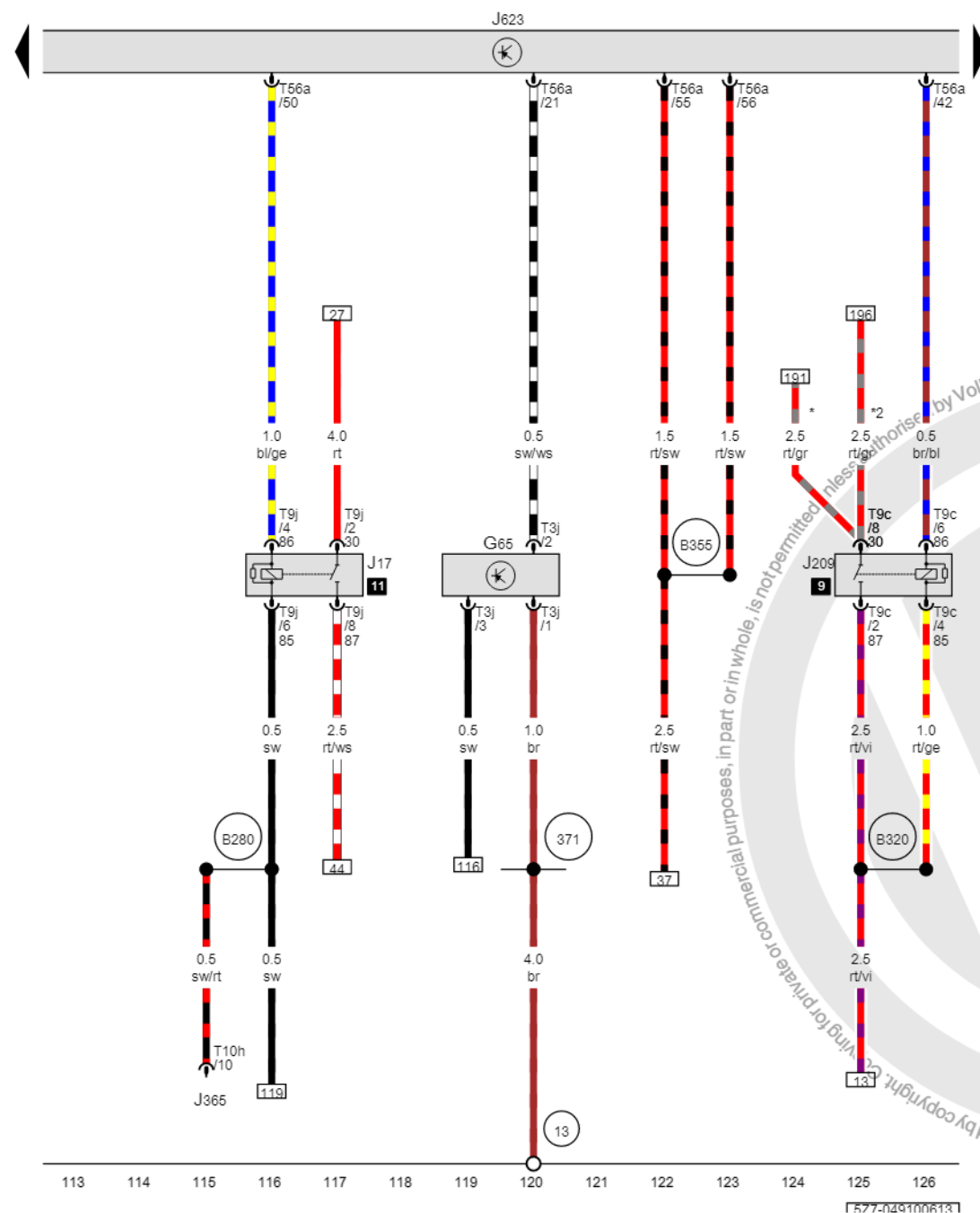
## Engine control unit, Voltage supply relay 1

- |      |   |
|------|---|
| J217 | Automatic gearbox control unit                  |
| J301 | Air conditioning system control unit            |
| J623 | Engine control unit                             |
| J701 | Voltage supply relay 1                          |
| T8d  | 8-pin connector, behind dash panel, centre      |
| T9m  | 9-pin connector                                 |
| T10f | 10-pin connector                                |
| T14a | 14-pin connector, on left in engine compartment |
| T56a | 56-pin connector                                |
| T80b | 80-pin connector                                |

- 12 Earth point, on left in engine compartment
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

- \* Only models with automated manual gearbox  
\*2 Only models with onboard supply control unit BCM  
\*3 Only models with onboard supply control unit BFM

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

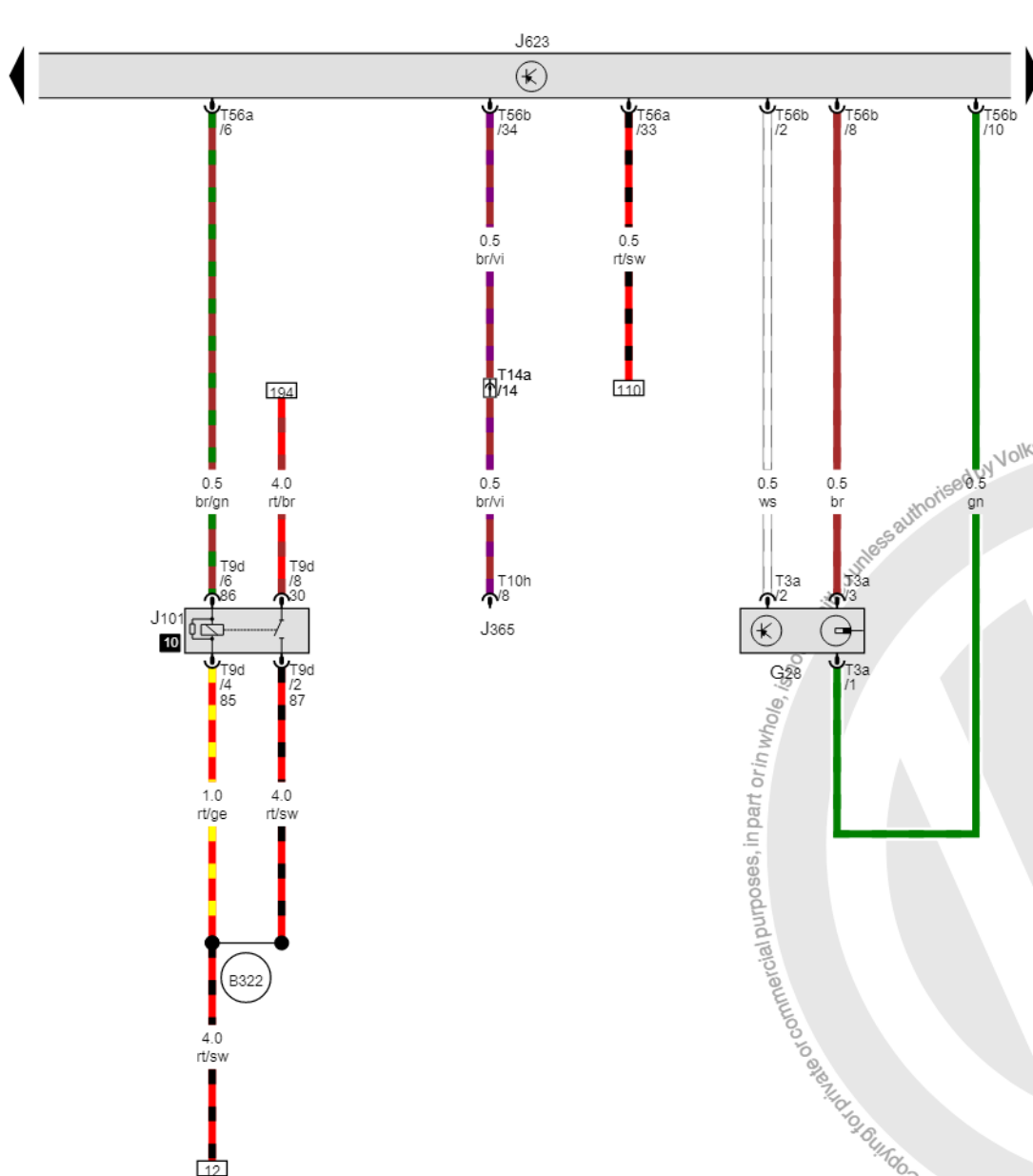


High-pressure sender, Fuel pump relay, Fresh air blower and radiator fan relay, Engine control unit

- G65 High-pressure sender
- J17 Fuel pump relay
- J209 Fresh air blower and radiator fan relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3j 3-pin connector
- T9c 9-pin connector
- T9j 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector

- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- \* Only models with no air conditioning system
- \*2 Only models with air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



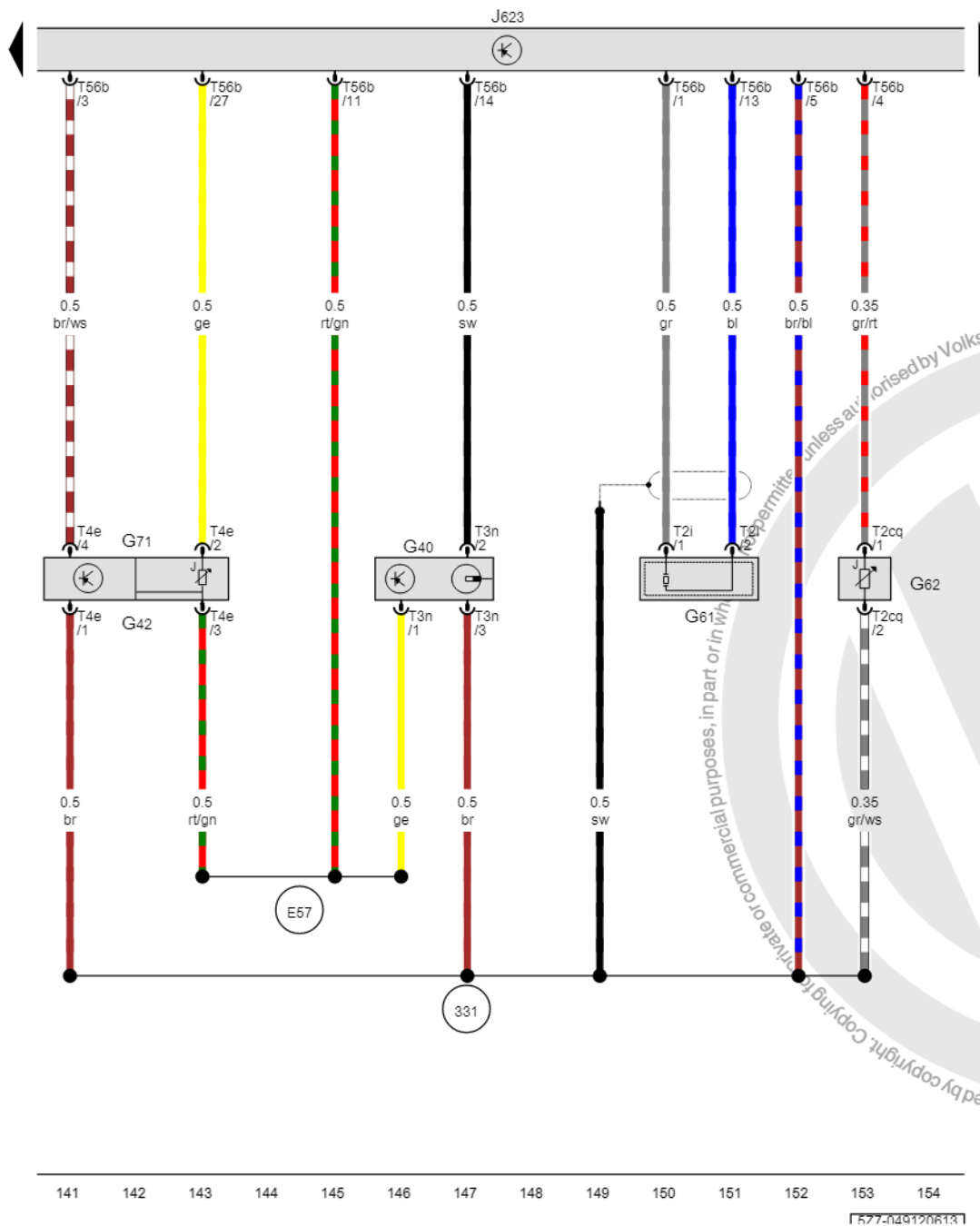
Engine speed sender, Radiator fan 2nd speed relay, Engine control unit

- G28 Engine speed sender
- J101 Radiator fan 2nd speed relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3a 3-pin connector
- T9d 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T56a 56-pin connector
- T56b 56-pin connector

B322 Positive connection 8 (30a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



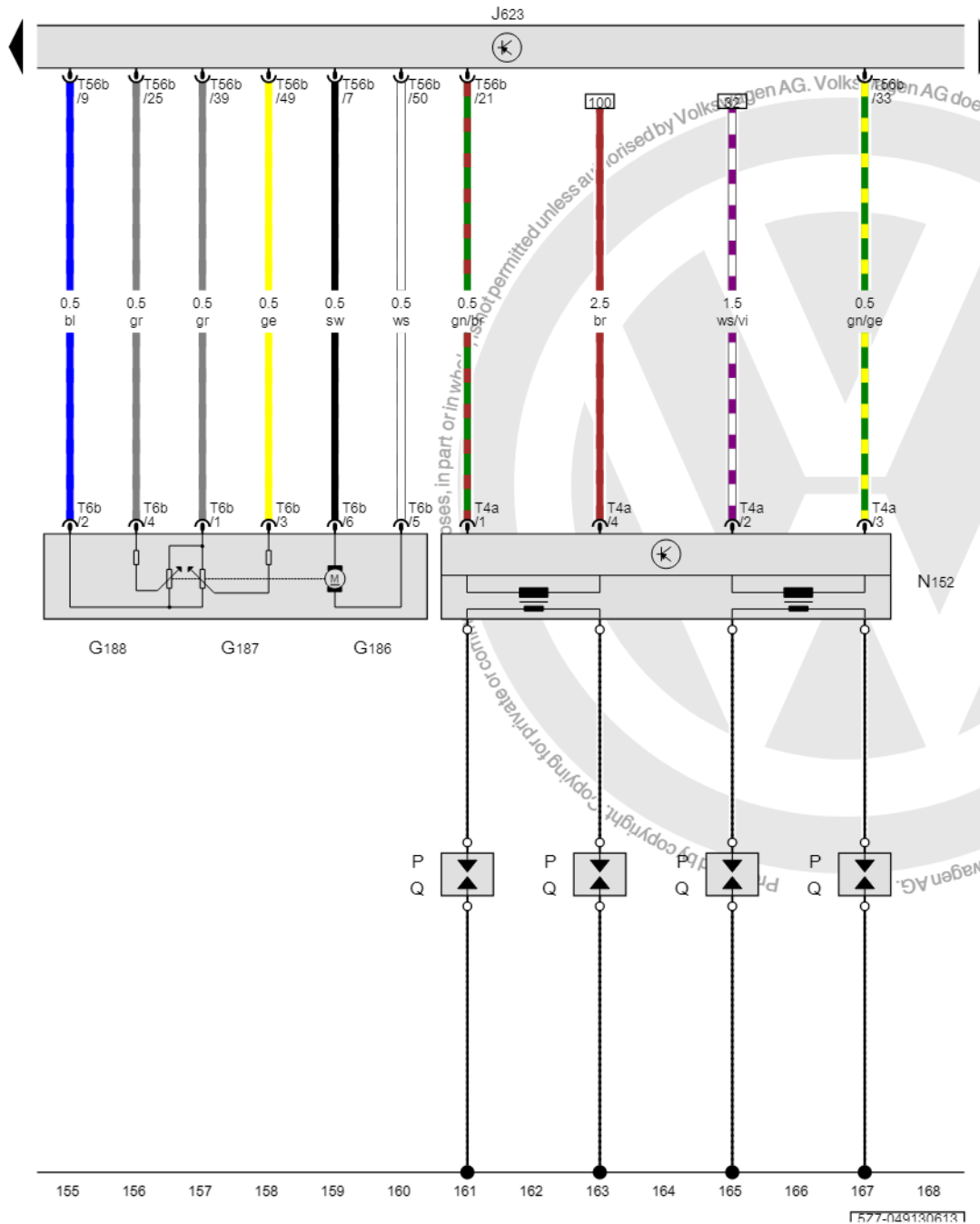


Hall sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector

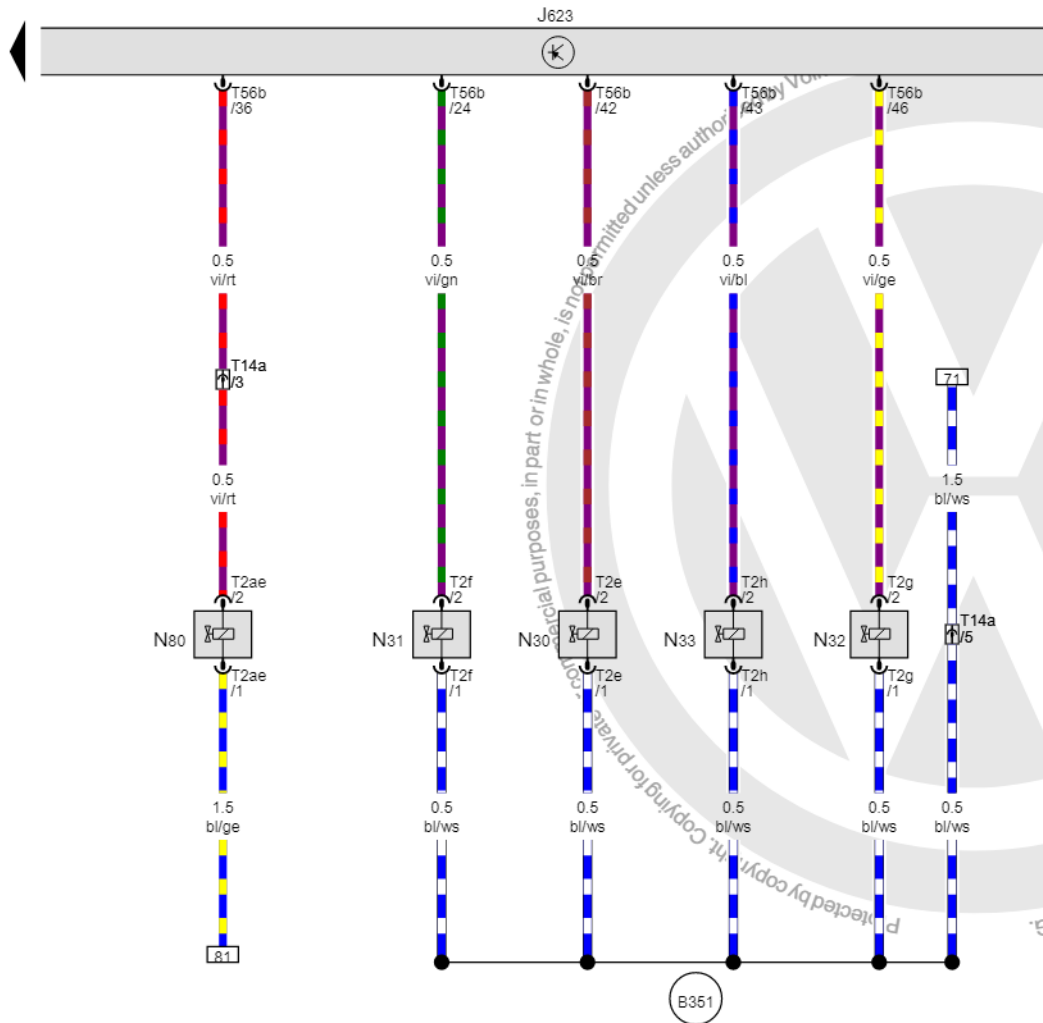
- 331 Earth connection, in injection system wiring harness
- E57 Connection 2, in injection system wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

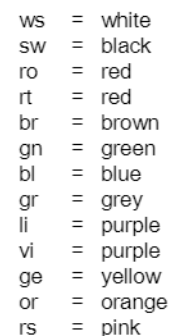
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T4a 4-pin connector
- T6b 6-pin connector
- T56b 56-pin connector



Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Activated charcoal filter solenoid valve 1

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector, on left in engine compartment
- T56b 56-pin connector
- B351 Positive connection 2 (87a) in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



F34	Brake fluid level warning contact
G	Fuel gauge sender
G6	Fuel system pressurisation pump
N39	Radiator fan series resistor
T2ai	2-pin connector
T2de	2-pin connector
T2df	2-pin connector
T3ae	3-pin connector
T4j	4-pin connector
V7	Radiator fan

- |     |   |
|-----|---|
| 11  | Earth point, in battery box                         |
| 50  | Earth point, on left in luggage compartment         |
| 369 | Earth connection 4, in main wiring harness          |
| 372 | Earth connection 7, in main wiring harness          |
| 671 | Earth point 1, on front of left longitudinal member |
| *   | Only models with air conditioning system            |
| *2  | Only models with no air conditioning system         |

Handbrake warning switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F9 Handbrake warning switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T2v 2-pin connector
- T32a 32-pin connector

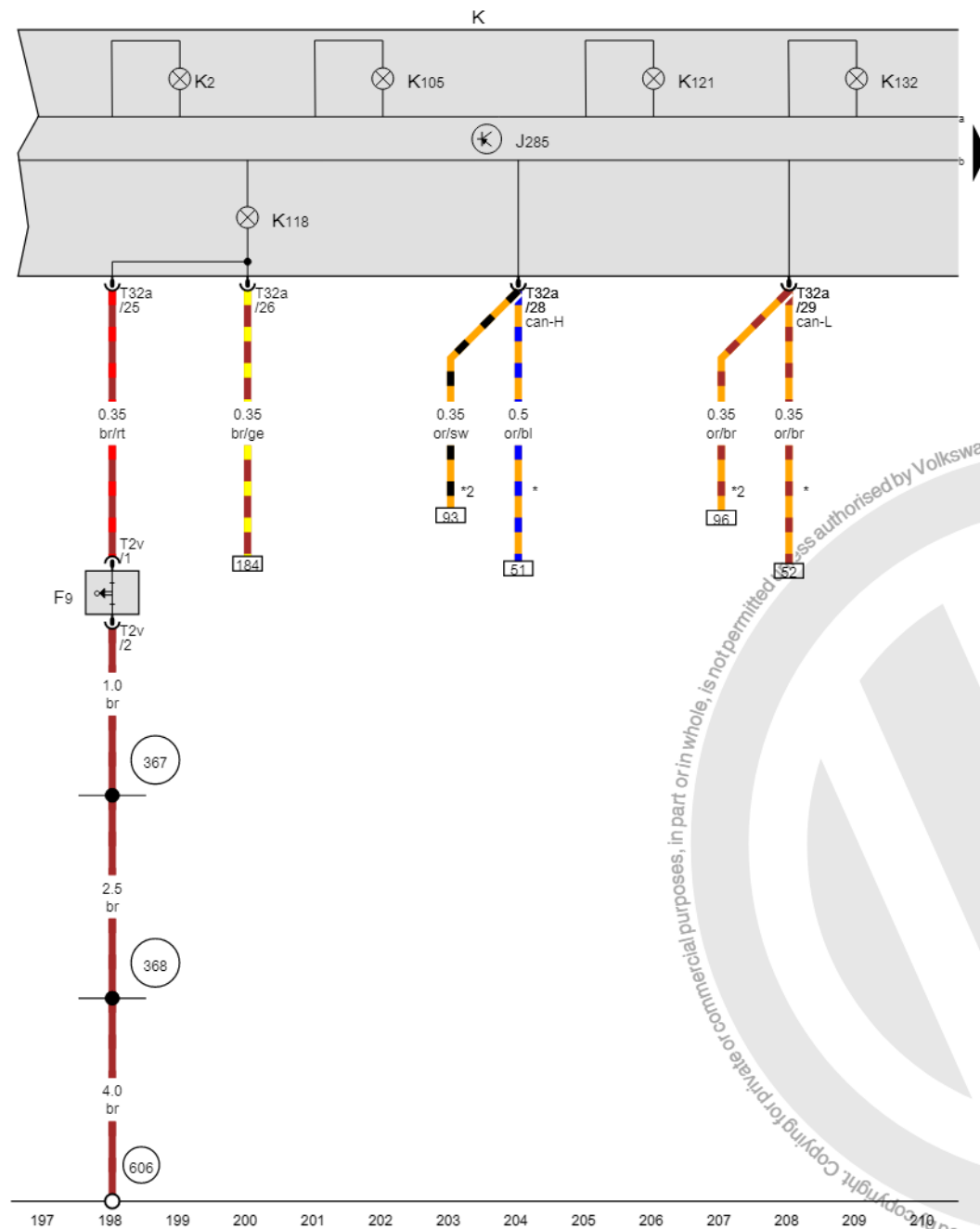
367 Earth connection 2, in main wiring harness

368 Earth connection 3, in main wiring harness

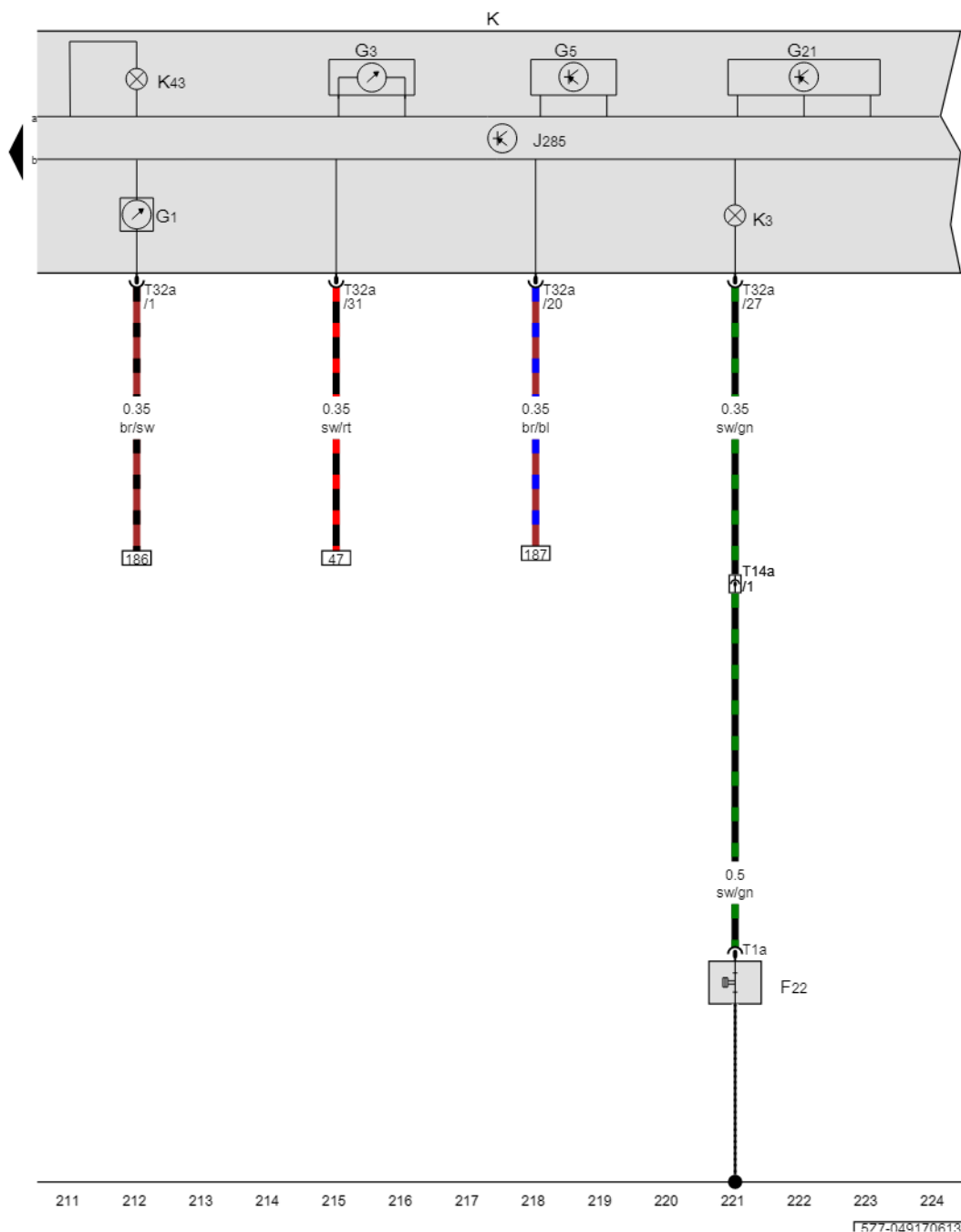
606 Earth point, under the centre console near gear stick

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



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- vi = purple
- ge = yellow
- or = orange
- is = pink



Oil pressure switch, Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Coolant temperature warning lamp (too cold)

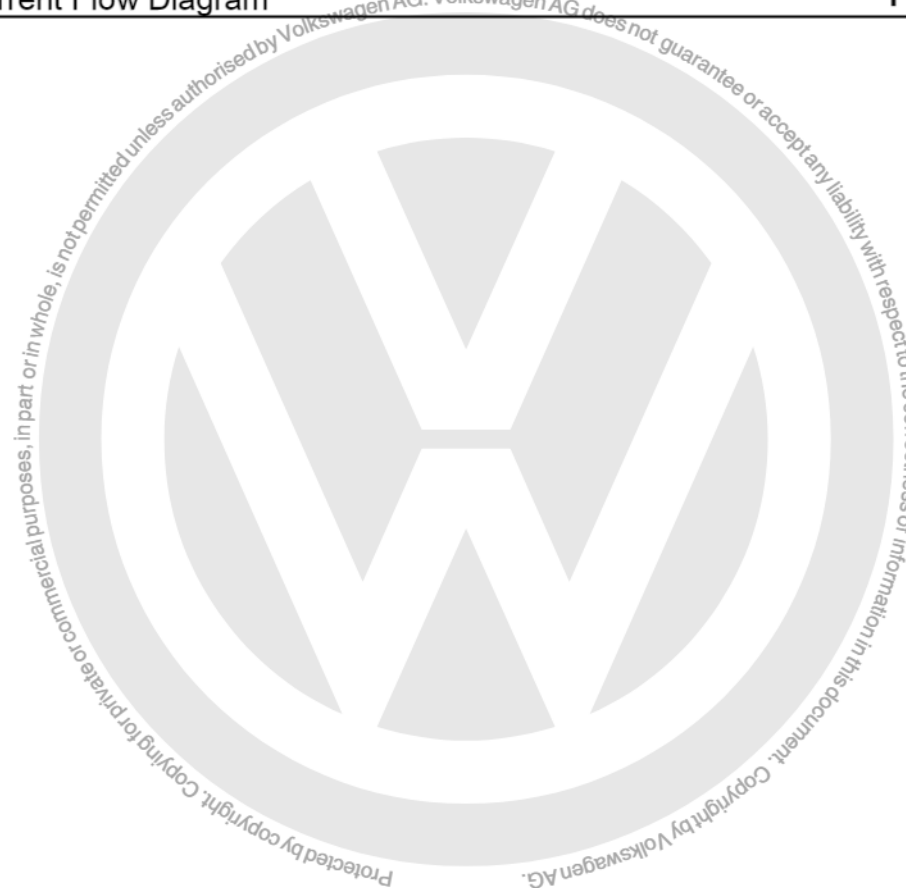
- F22 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector

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 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

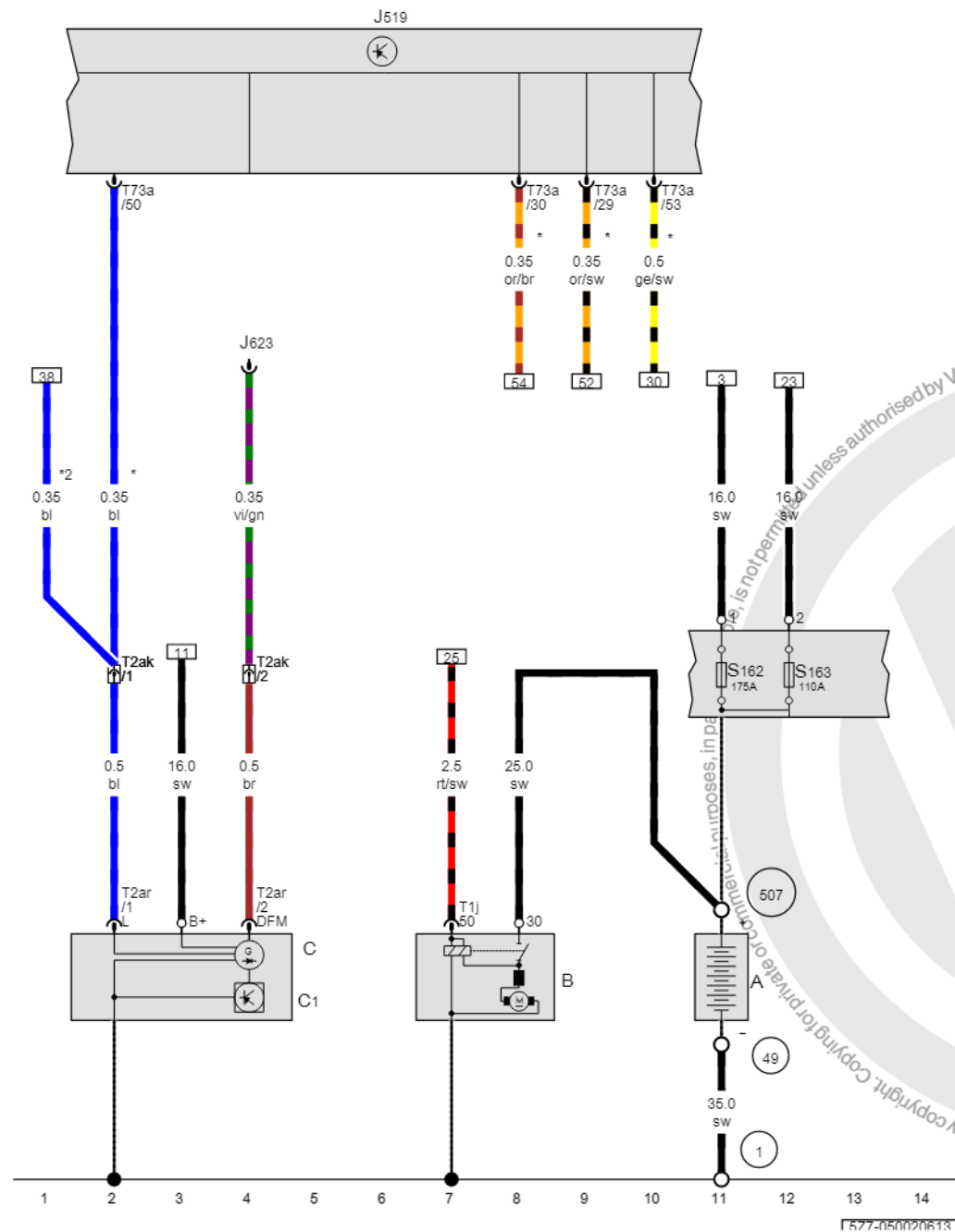
## Parking aid (PDC)

From April 2013



Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

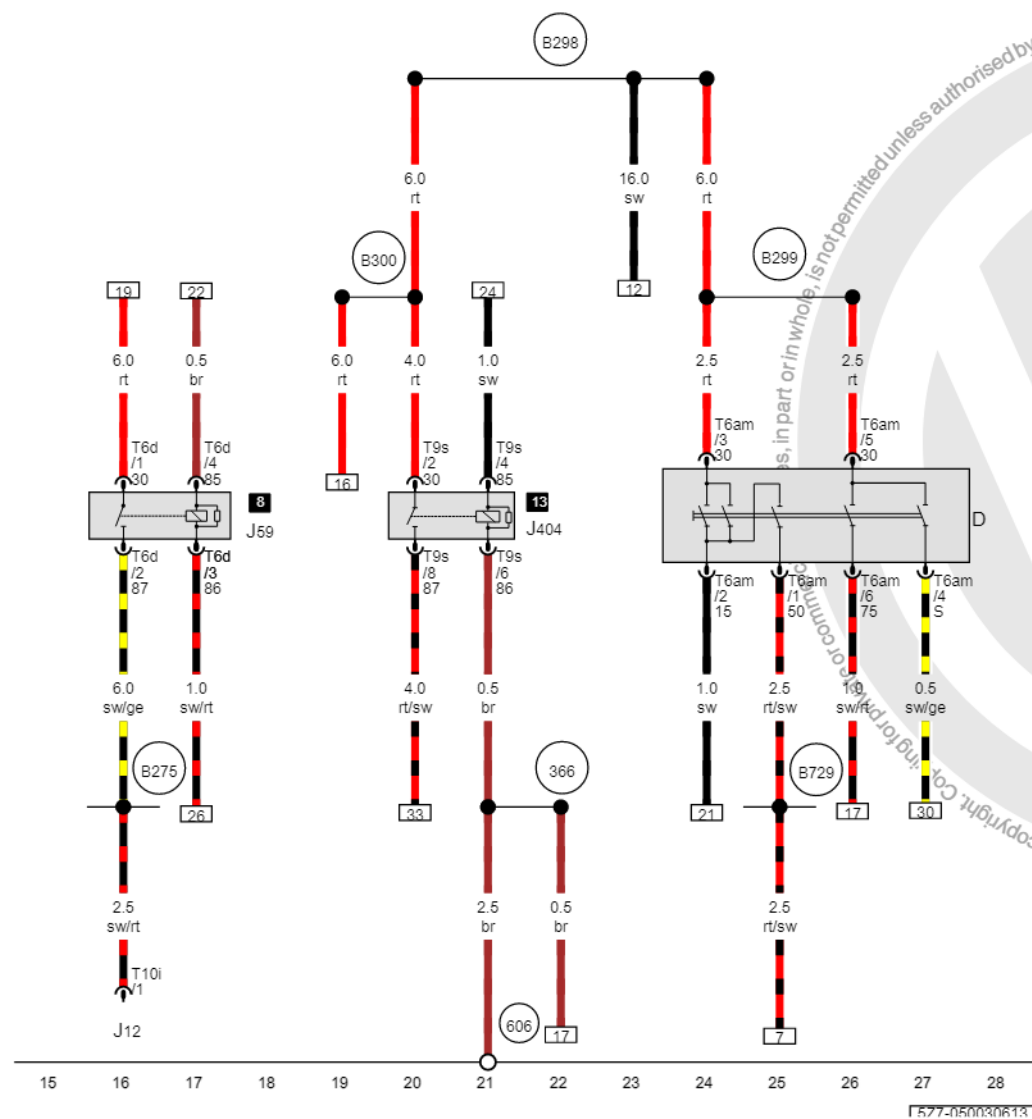




Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

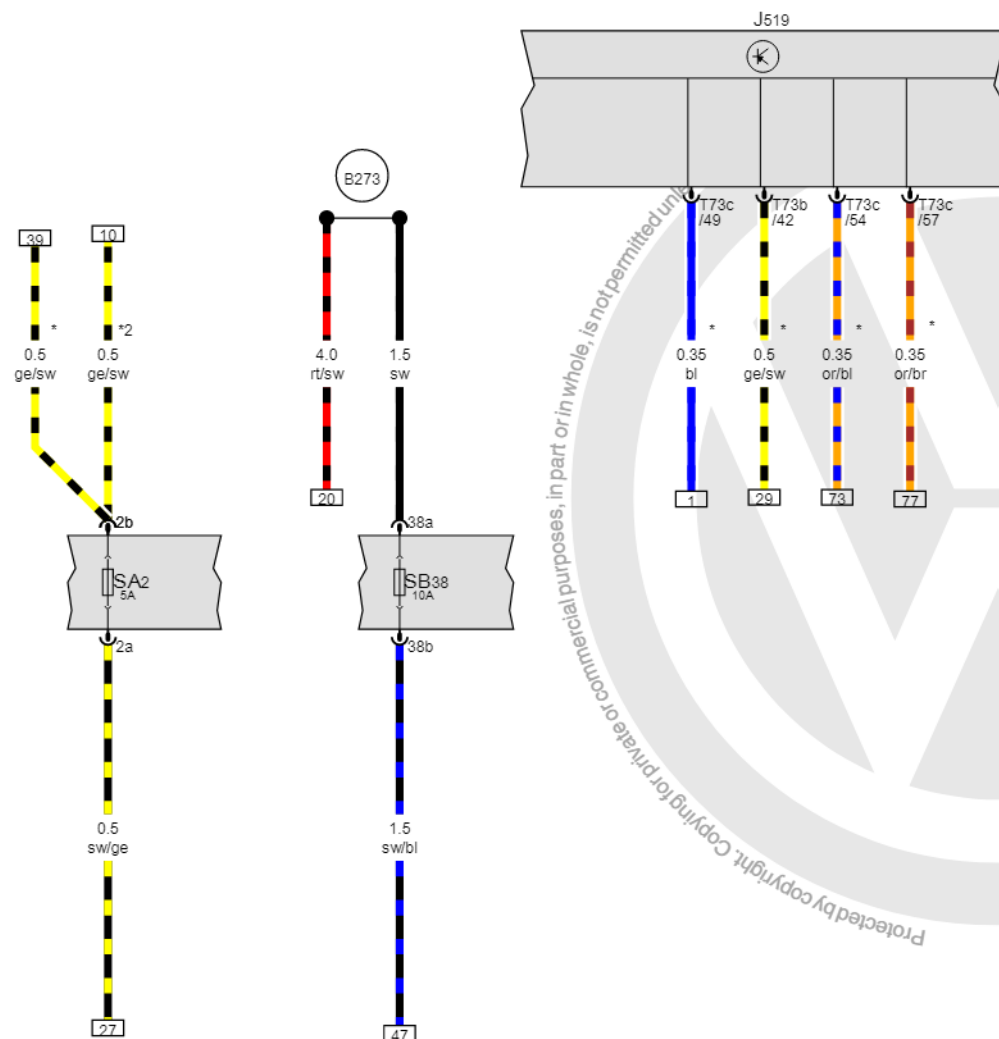


# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \* Only models with onboard supply control unit BFM

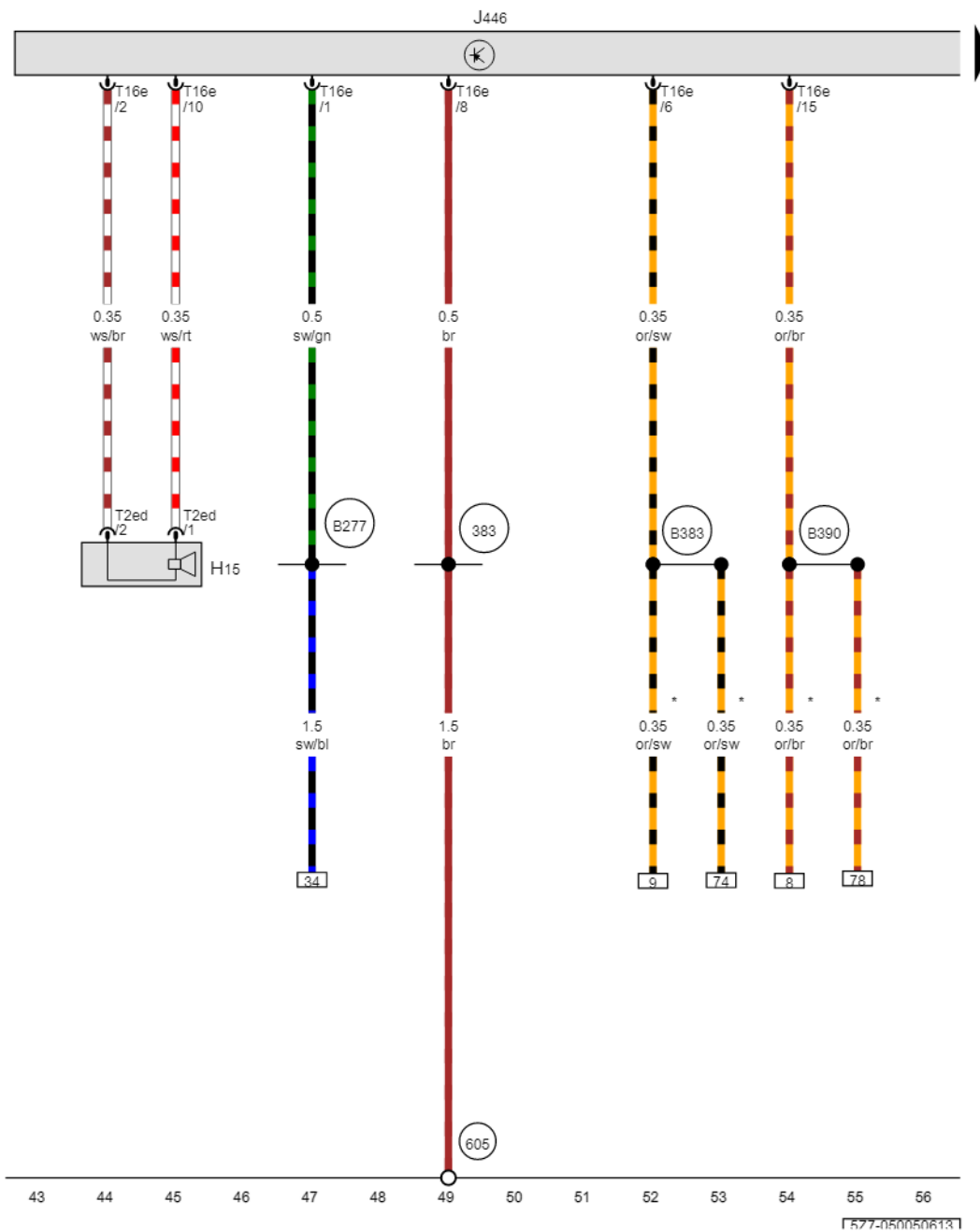


ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

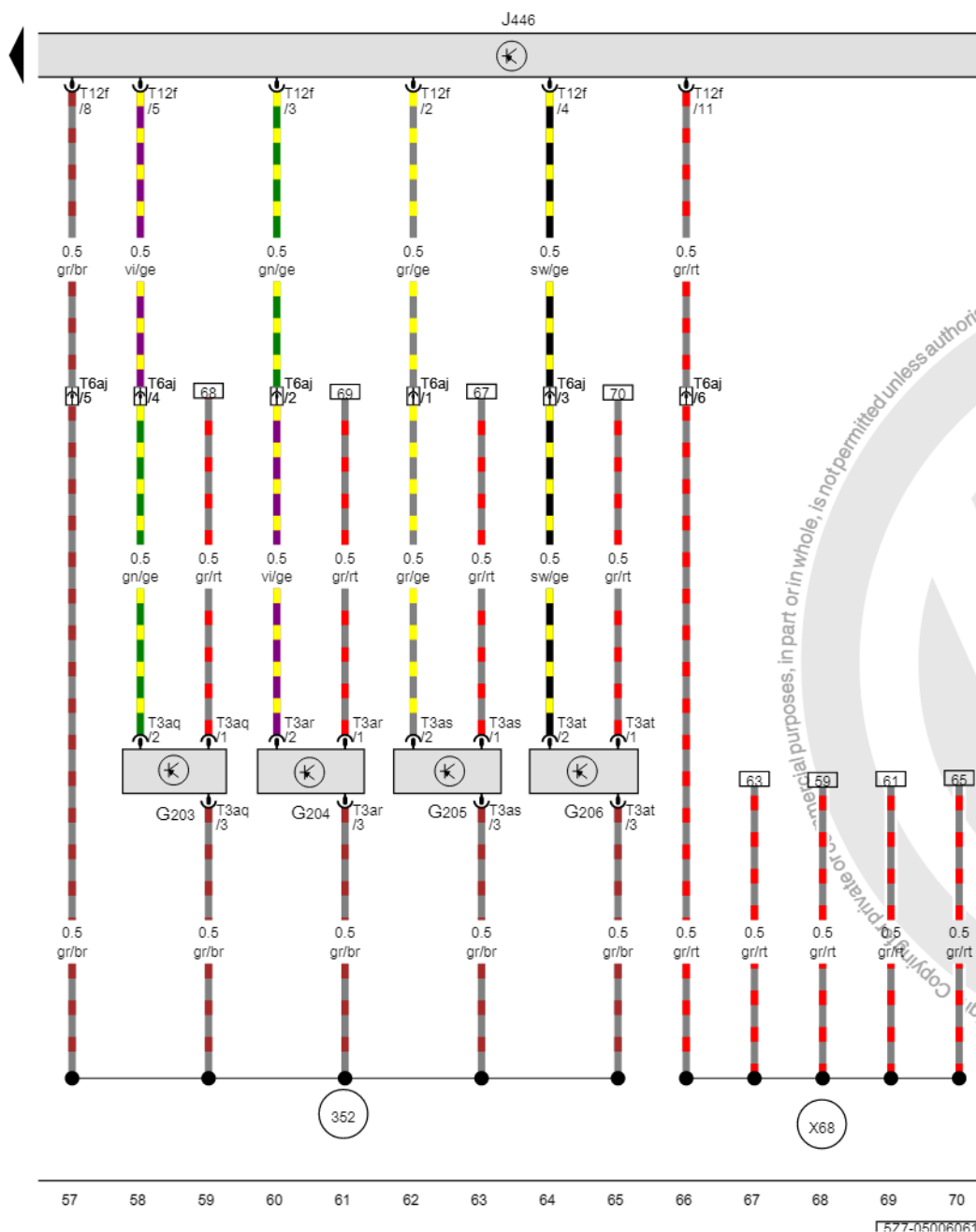
Rear parking aid warning buzzer, Parking aid control unit

H15 Rear parking aid warning buzzer  
J446 Parking aid control unit  
T2ed 2-pin connector  
T16e 16-pin connector

- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM



ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
gr = grey  
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or = orange  
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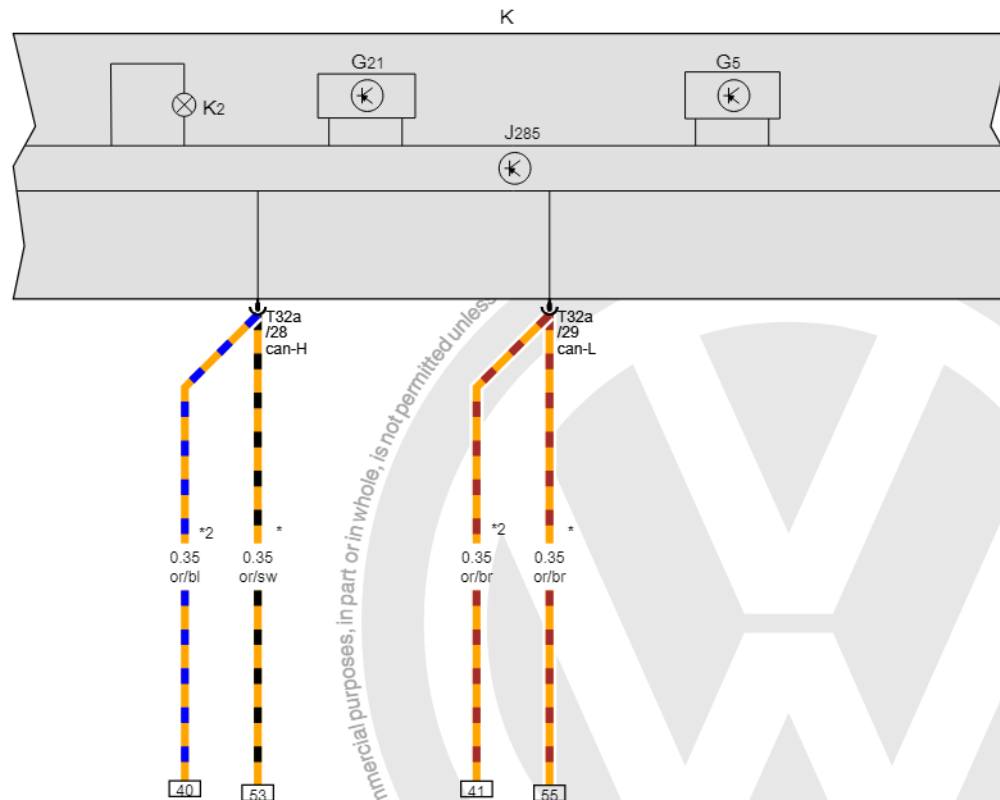
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3as 3-pin connector
- T3at 3-pin connector
- T6aj 6-pin connector
- T12f 12-pin connector

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- bl = blue
- gr = grey
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## Multifunction steering wheel

From April 2013

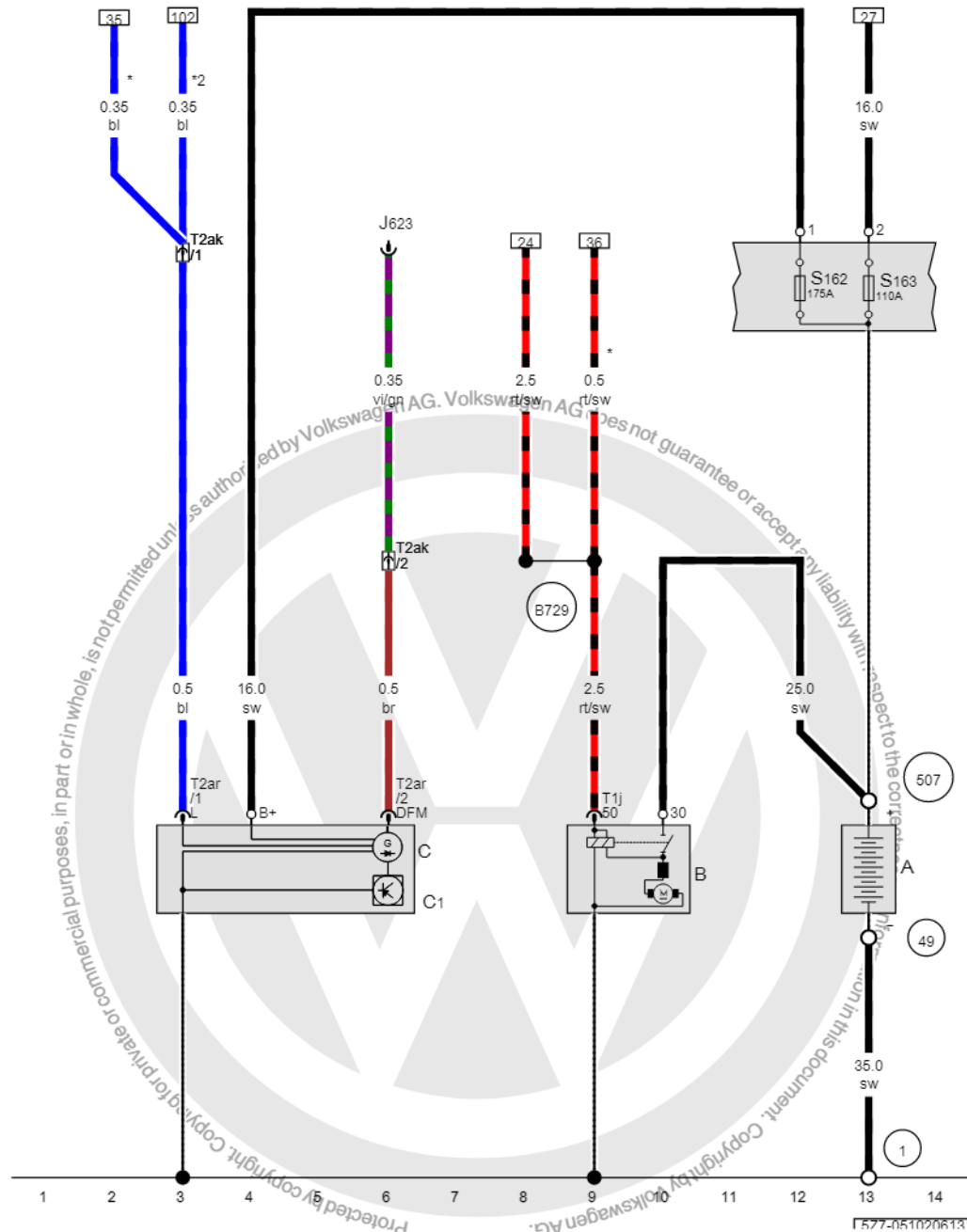


Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B729 Connection 1 (50), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



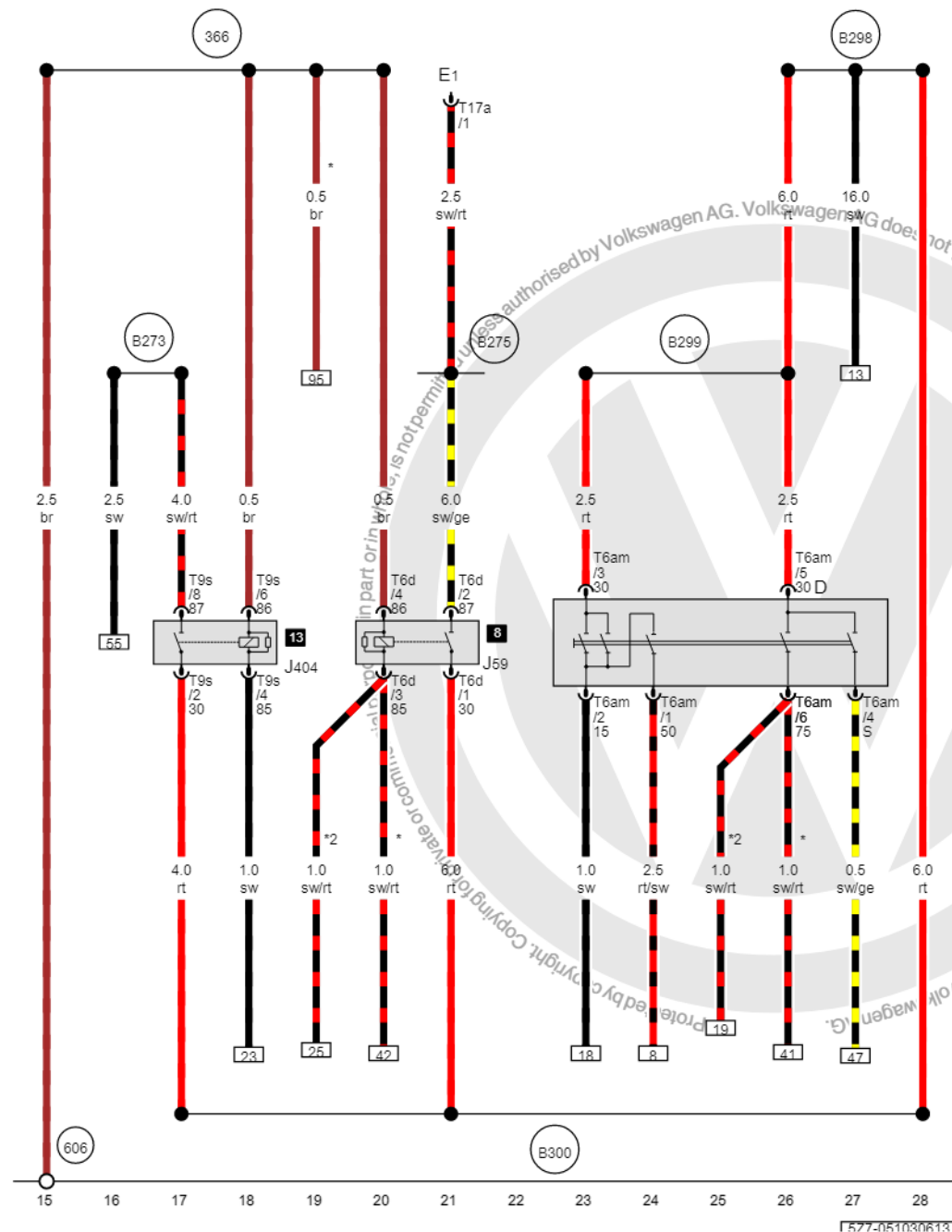
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





# Onboard supply control unit

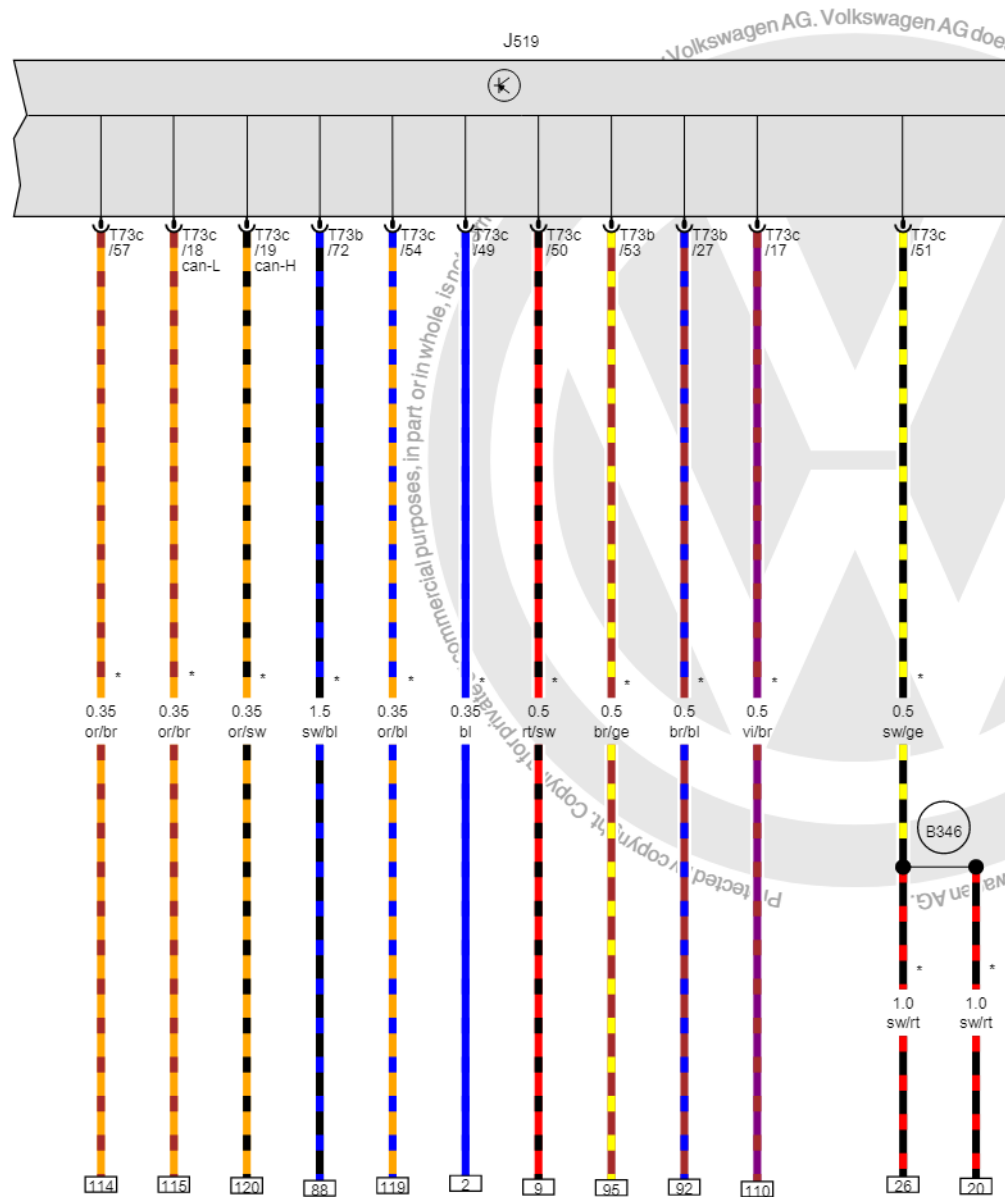
J519 Onboard supply control unit

T73b 73-pin connector

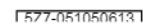
T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

\* Only models with onboard supply control unit BCM



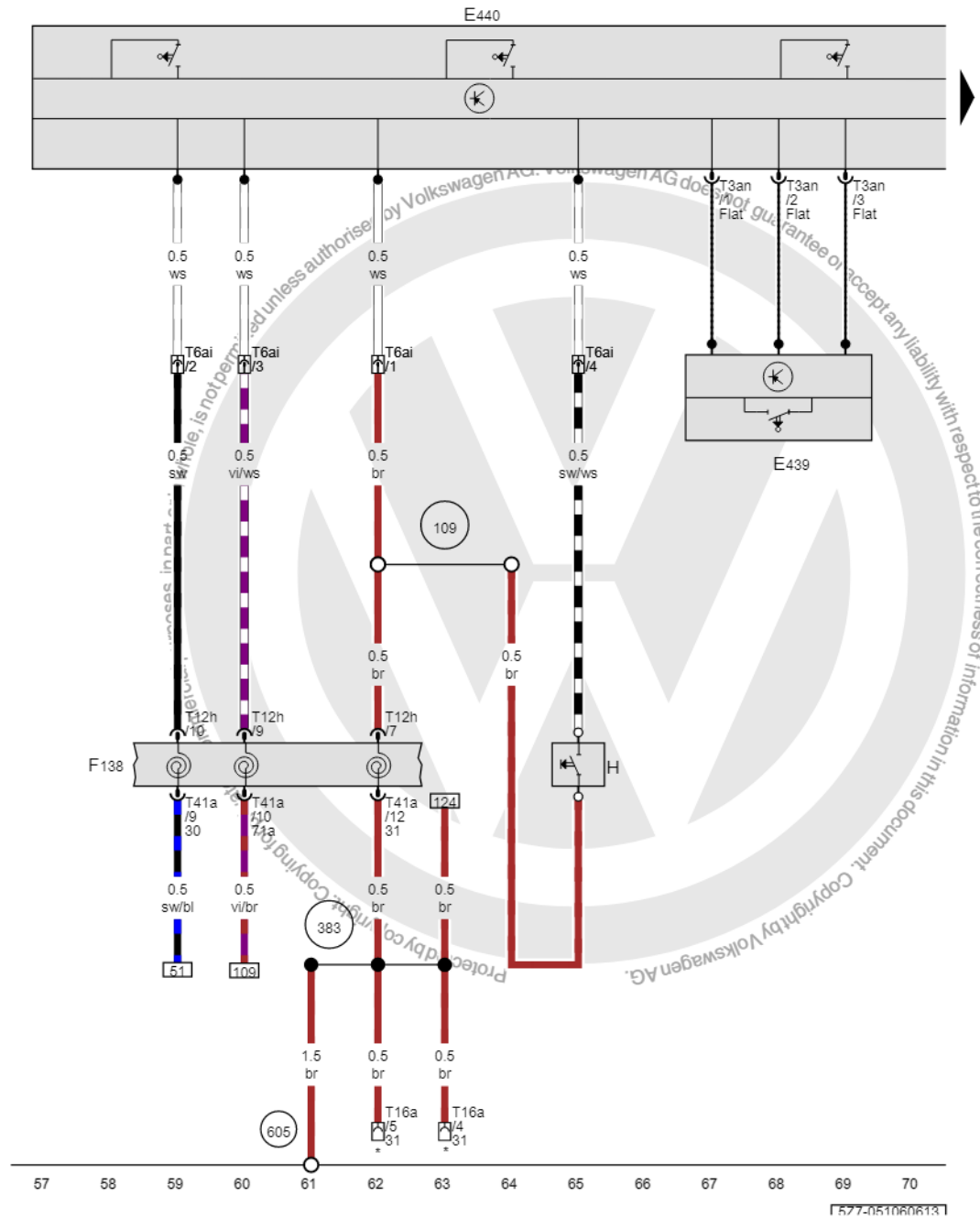
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

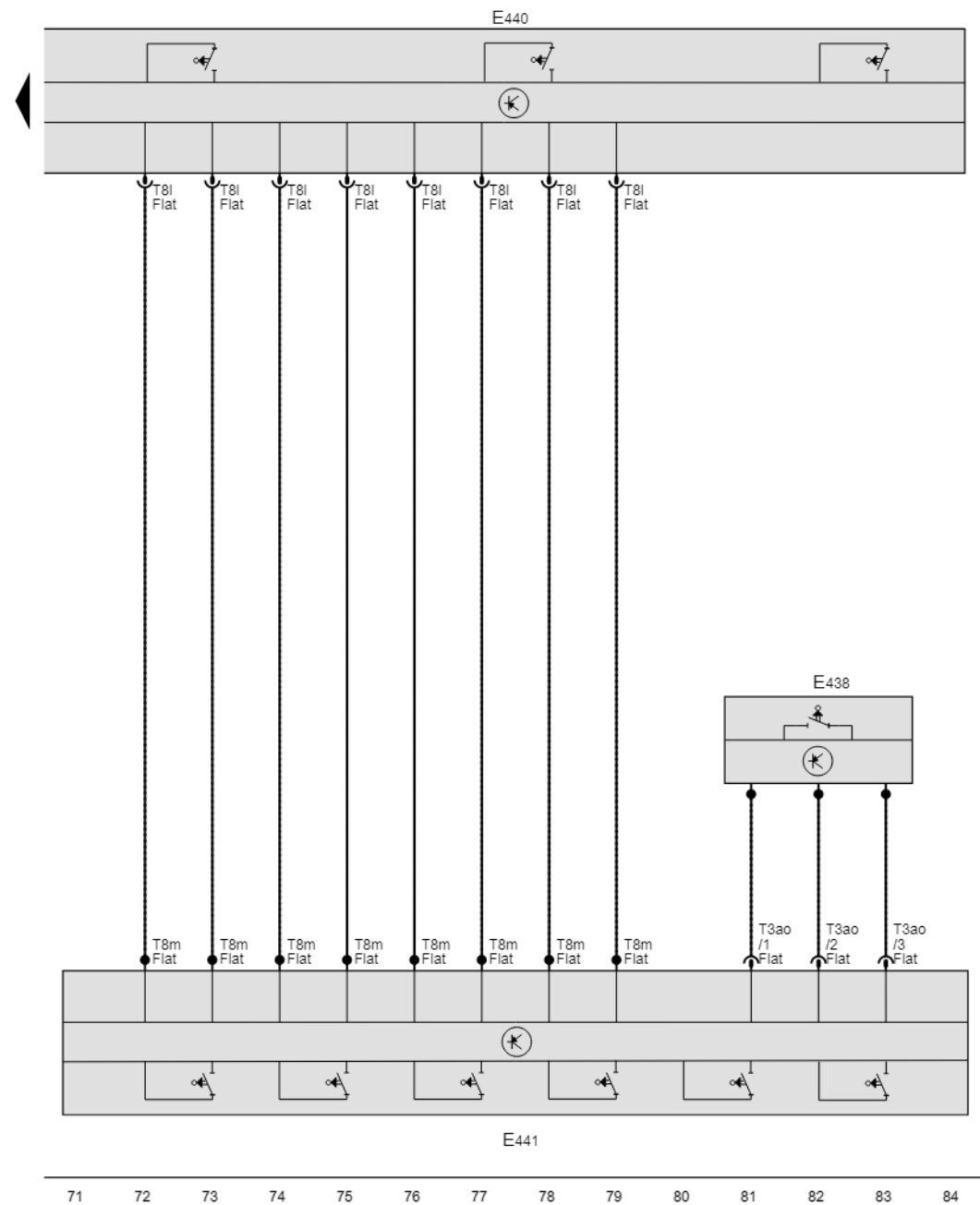


\* Only models with onboard supply control unit BFM  
\*2 Only models with onboard supply control unit BCM

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate



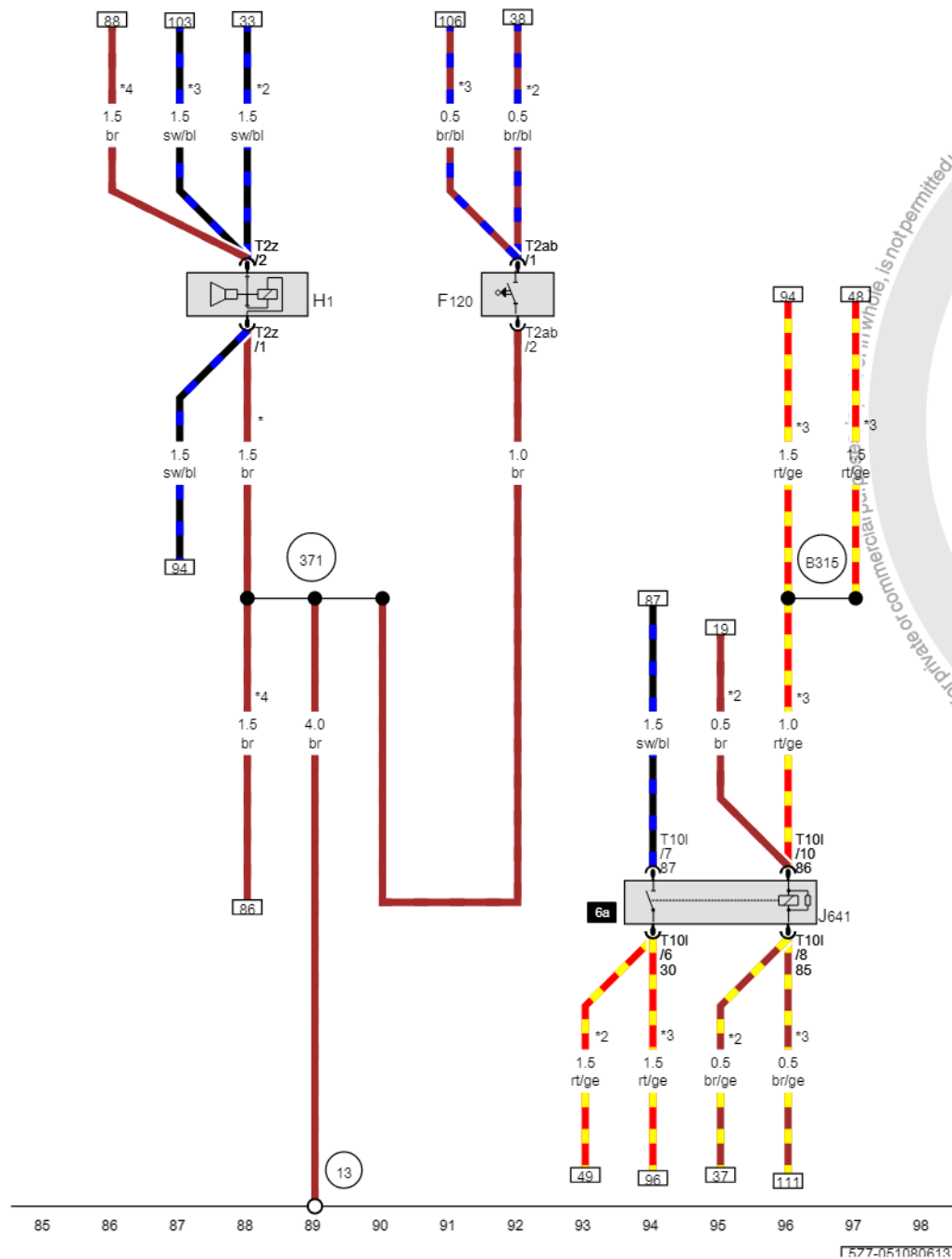


1577-051070613

Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Anti-theft alarm and vermin repellent system contact switch,  
Horn or dual tone horn, Alarm horn relay

- F120 Anti-theft alarm and vermin repellent system contact switch
- H1 Horn or dual tone horn
- J641 Alarm horn relay
- T2ab 2-pin connector
- T2z 2-pin connector
- T10l 10-pin connector

- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- \* Only models with no anti-theft alarm system
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM
- \*4 For models with anti-theft alarm system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Onboard supply control unit

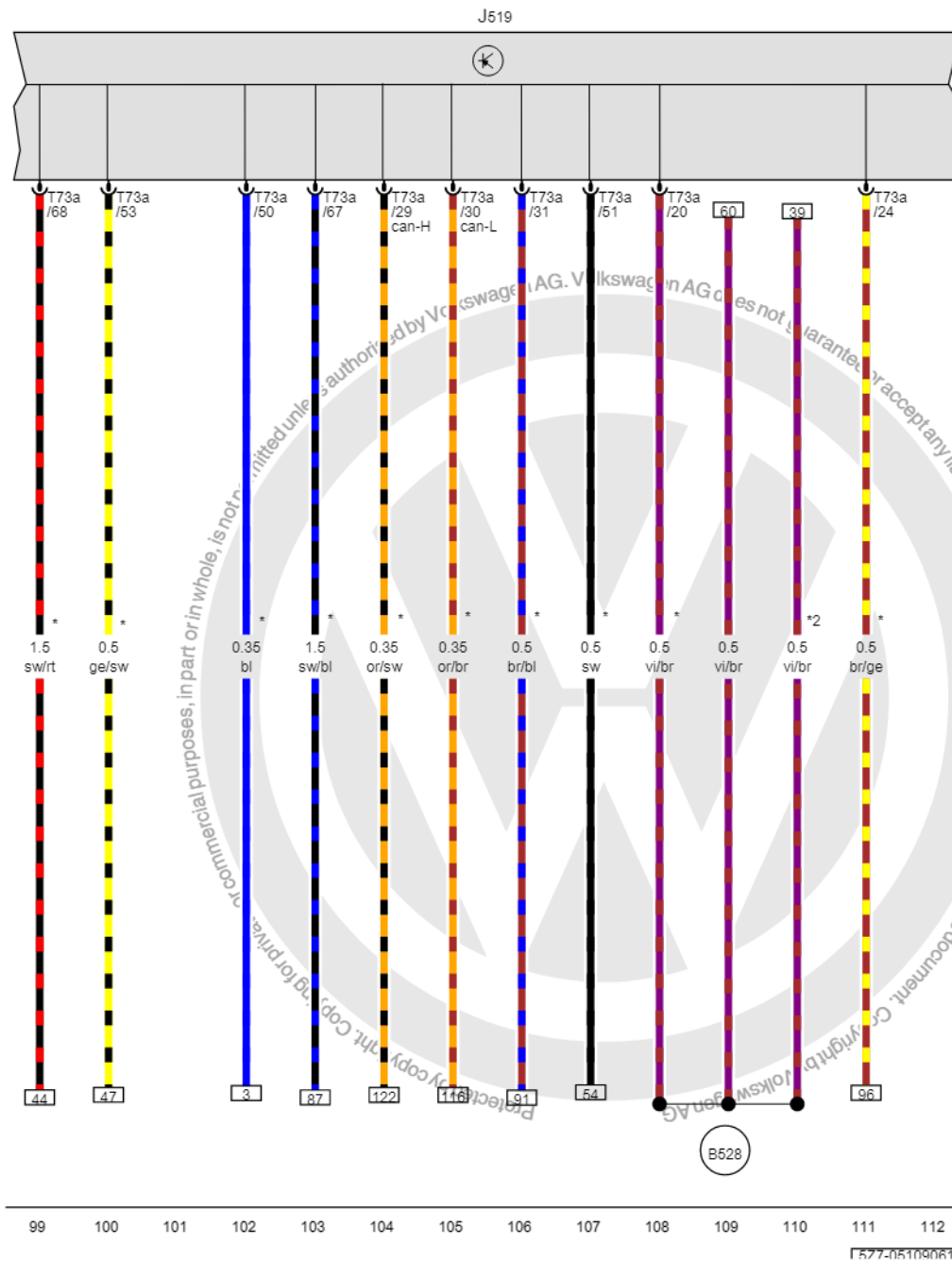
J519 Onboard supply control unit

T73a 73-pin connector

B528 Connection 1 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

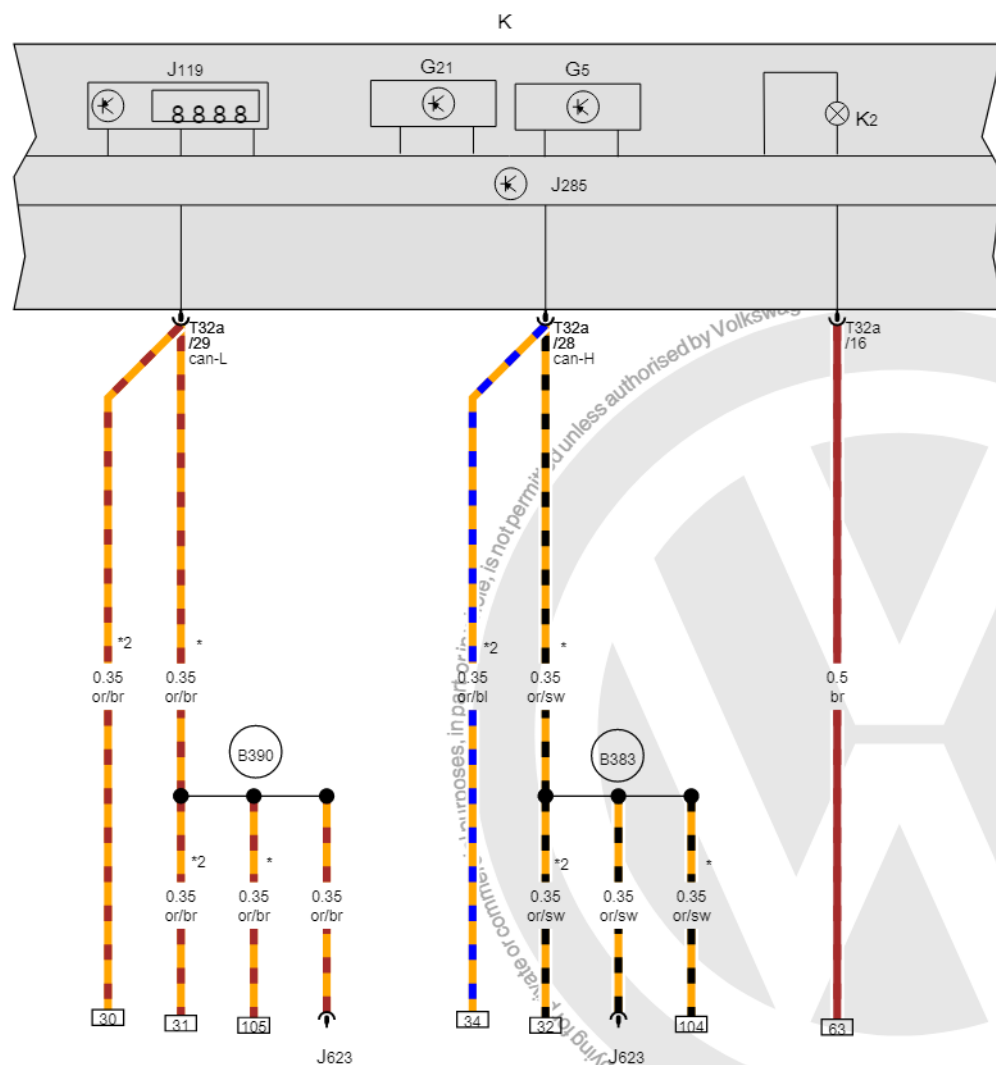
- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

## System for lowering passenger side mirror

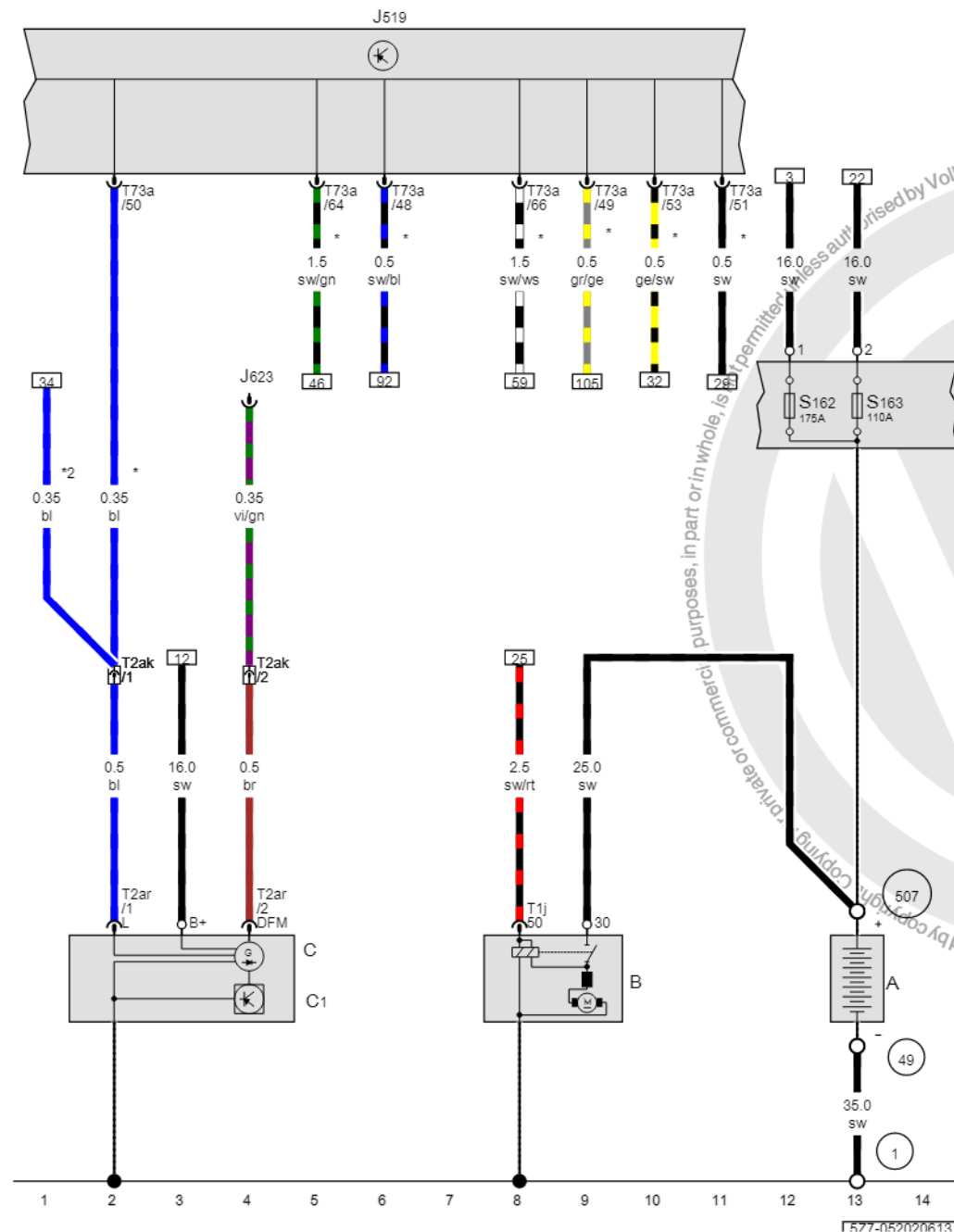
From April 2013





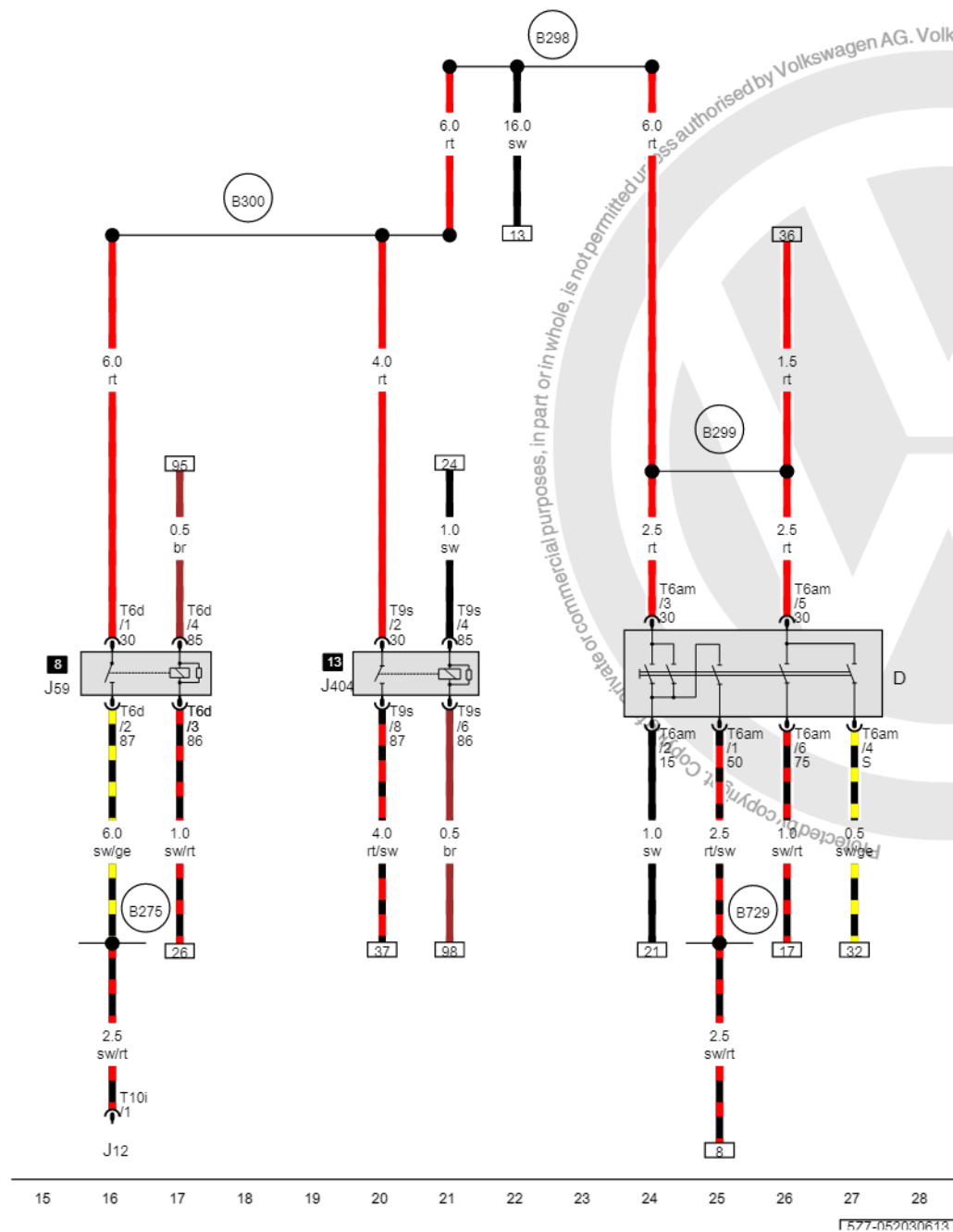
Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness



# Onboard supply control unit

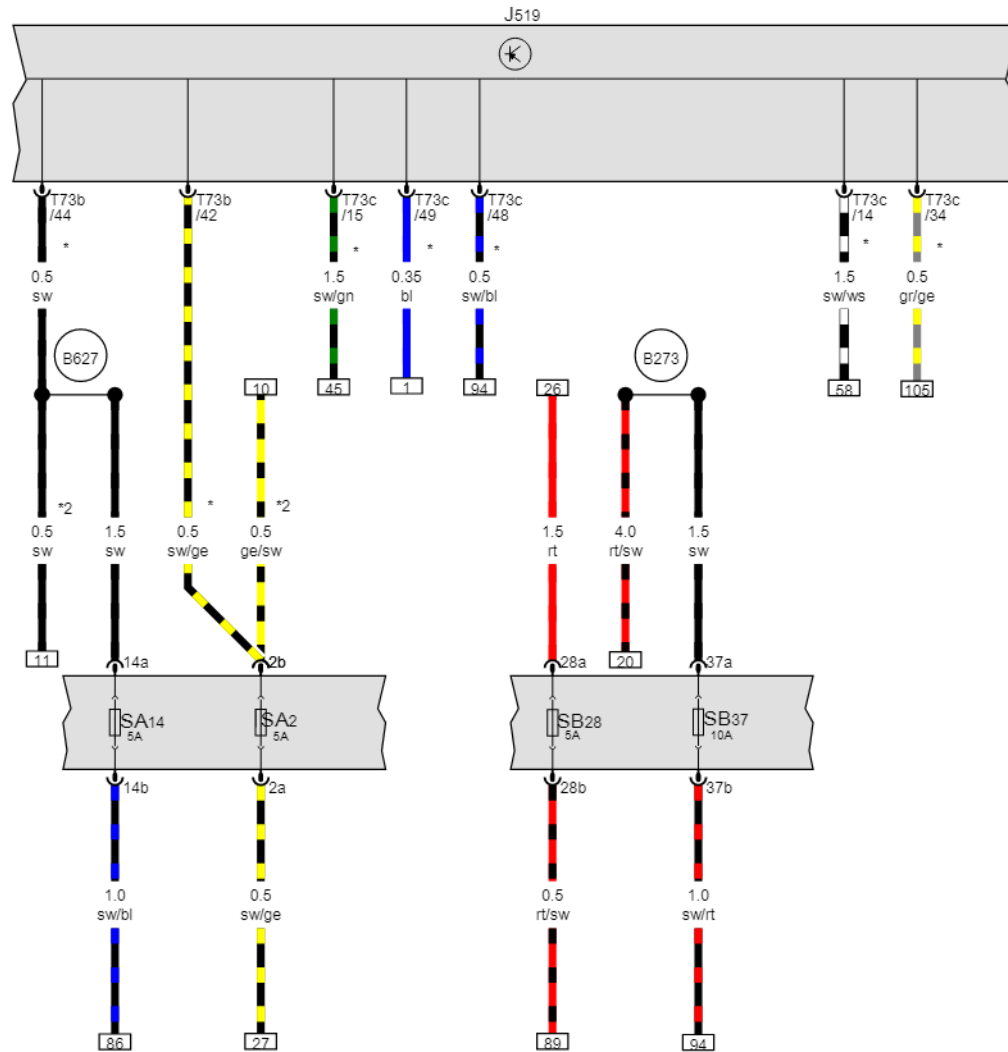
J519 Onboard supply control unit  
 SA2 Fuse 2 in fuse holder A  
 SA14 Fuse 14 in fuse holder A  
 SB28 Fuse 28 on fuse holder B  
 SB37 Fuse 37 on fuse holder B  
 T73b 73-pin connector  
 T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



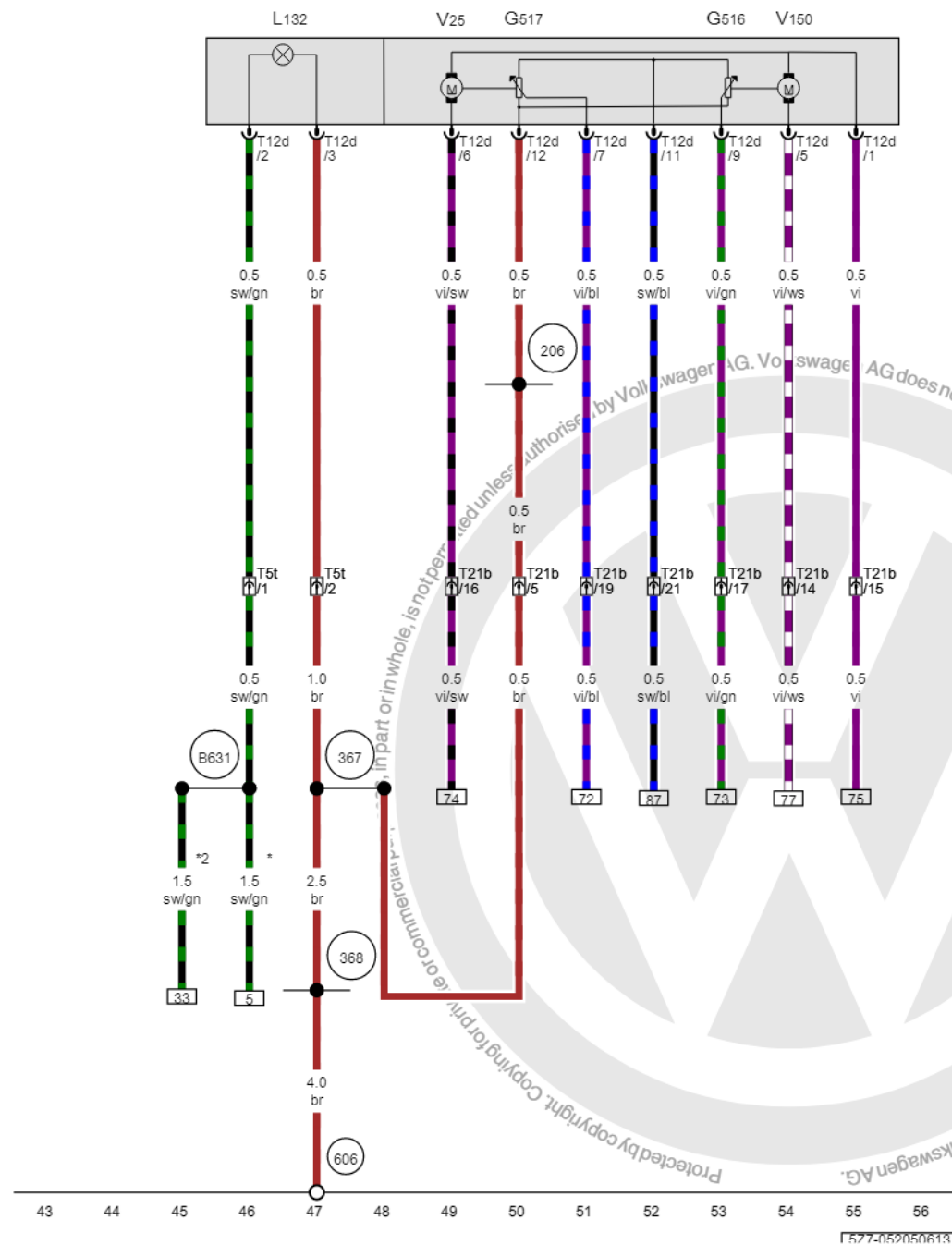
ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

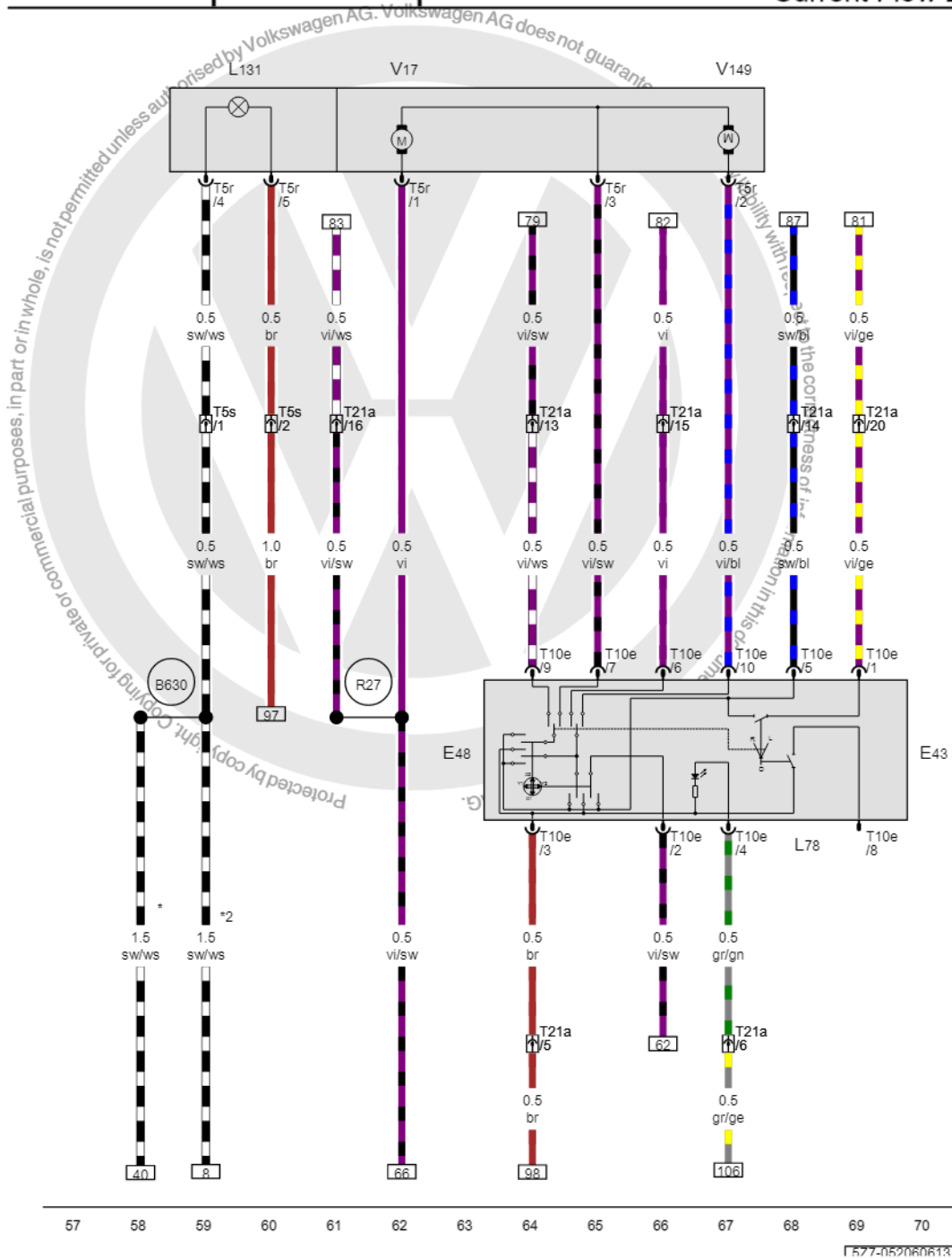
- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector, in front passenger door
- T12d 12-pin connector
- T21b 21-pin connector, in front passenger door
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor

- 206 Earth connection, in front passenger door wiring harness
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B631 Positive connection (right turn signal bulb), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Mirror adjustment switch, Mirror adjustment changeover switch, Mirror adjustment switch illumination bulb, Driver side turn signal repeater bulb, Driver side mirror adjustment motor, Driver side mirror adjustment motor

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- L78 Mirror adjustment switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T5r 5-pin connector
- T5s 5-pin connector, in driver door
- T10e 10-pin connector
- T21a 21-pin connector, in driver door
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor

B630 Positive connection (left turn signal bulb), in main wiring harness

R27 Connection (mirror adjustment), in driver door wiring harness

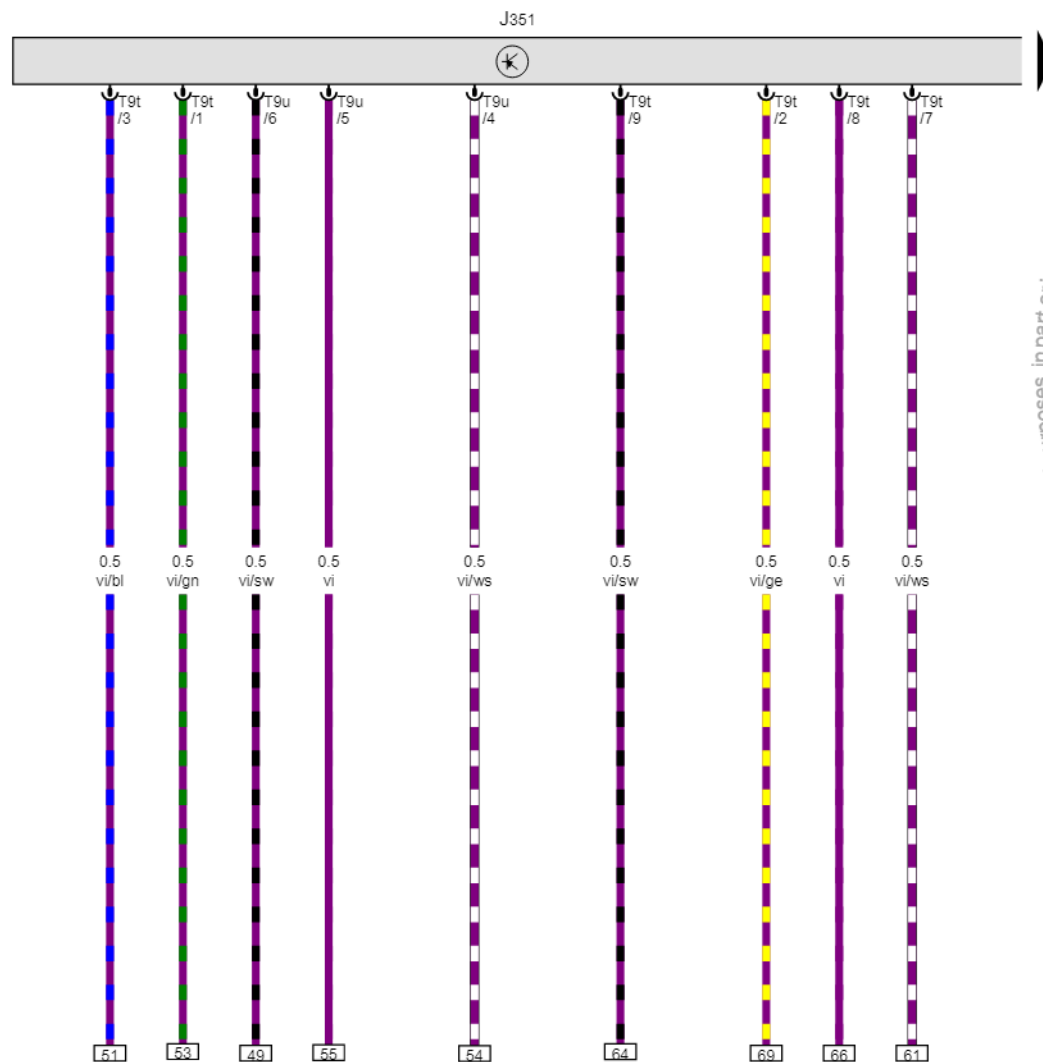
\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

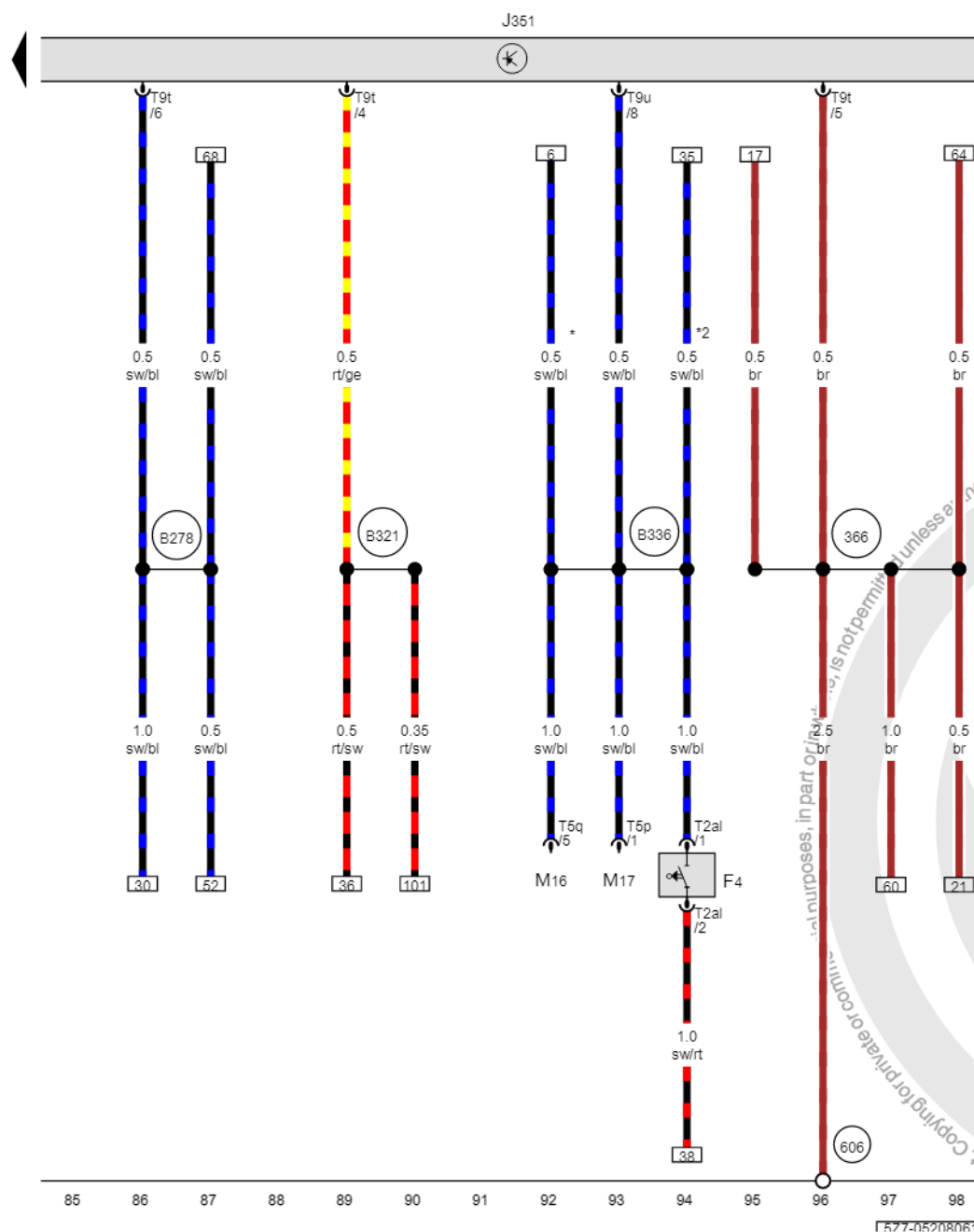
# Folding exterior mirror control unit

J351 Folding exterior mirror control unit  
T9t 9-pin connector  
T9u 9-pin connector



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
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or = orange  
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## Reversing light switch, Folding exterior mirror control unit



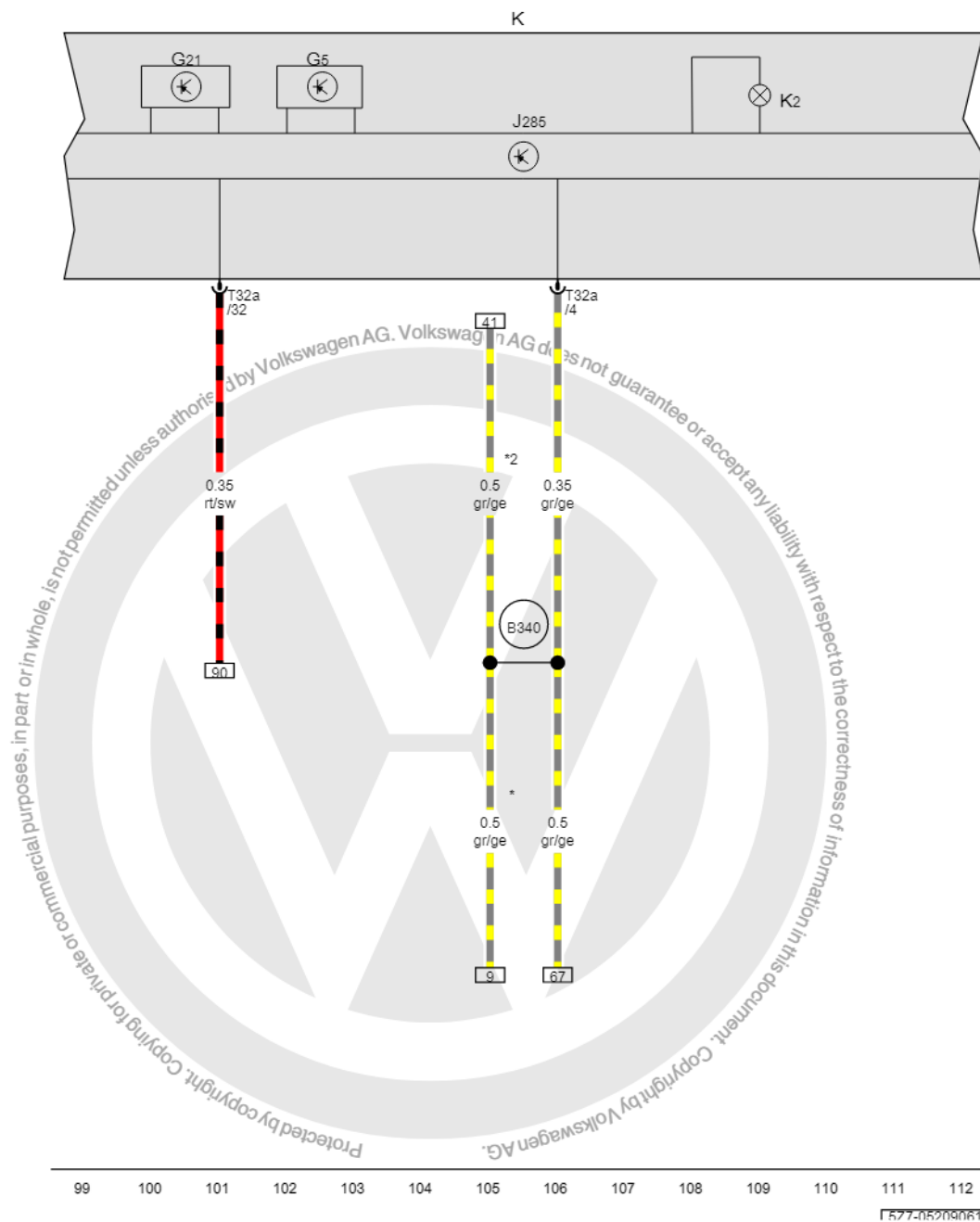
- |      |   |
|------|---|
| F4   | Reversing light switch                                |
| J351 | Folding exterior mirror control unit                  |
| M16  | Left reversing light bulb                             |
| M17  | Right reversing light bulb                            |
| T2al | 2-pin connector                                       |
| T5p  | 5-pin connector                                       |
| T5q  | 5-pin connector                                       |
| T9t  | 9-pin connector                                       |
| T9u  | 9-pin connector                                       |
| 366  | Earth connection 1, in main wiring harness            |
| 606  | Earth point, under the centre console near gear stick |
| B278 | Positive connection 2 (15a) in main wiring harness    |
| B321 | Positive connection 7 (30a) in main wiring harness    |
| B336 | Connection 2 (54), in main wiring harness             |
| *    | Only models with onboard supply control unit BFM      |
| **2  | Only models with onboard supply control unit BCM      |

ws = white  
sw = black  
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rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- gn = green
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- or = orange
- rs = pink

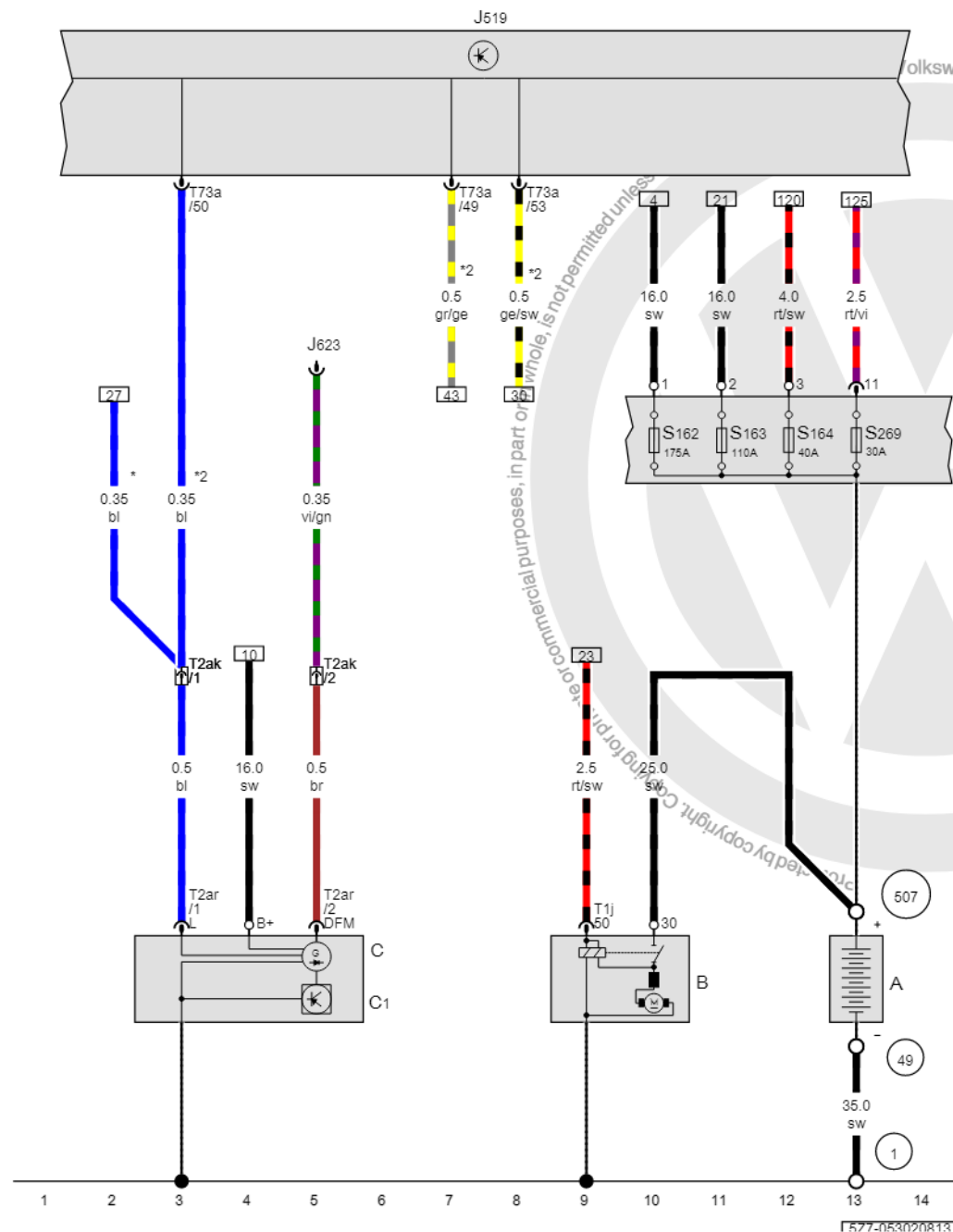


## Air conditioning system

From April 2013



Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

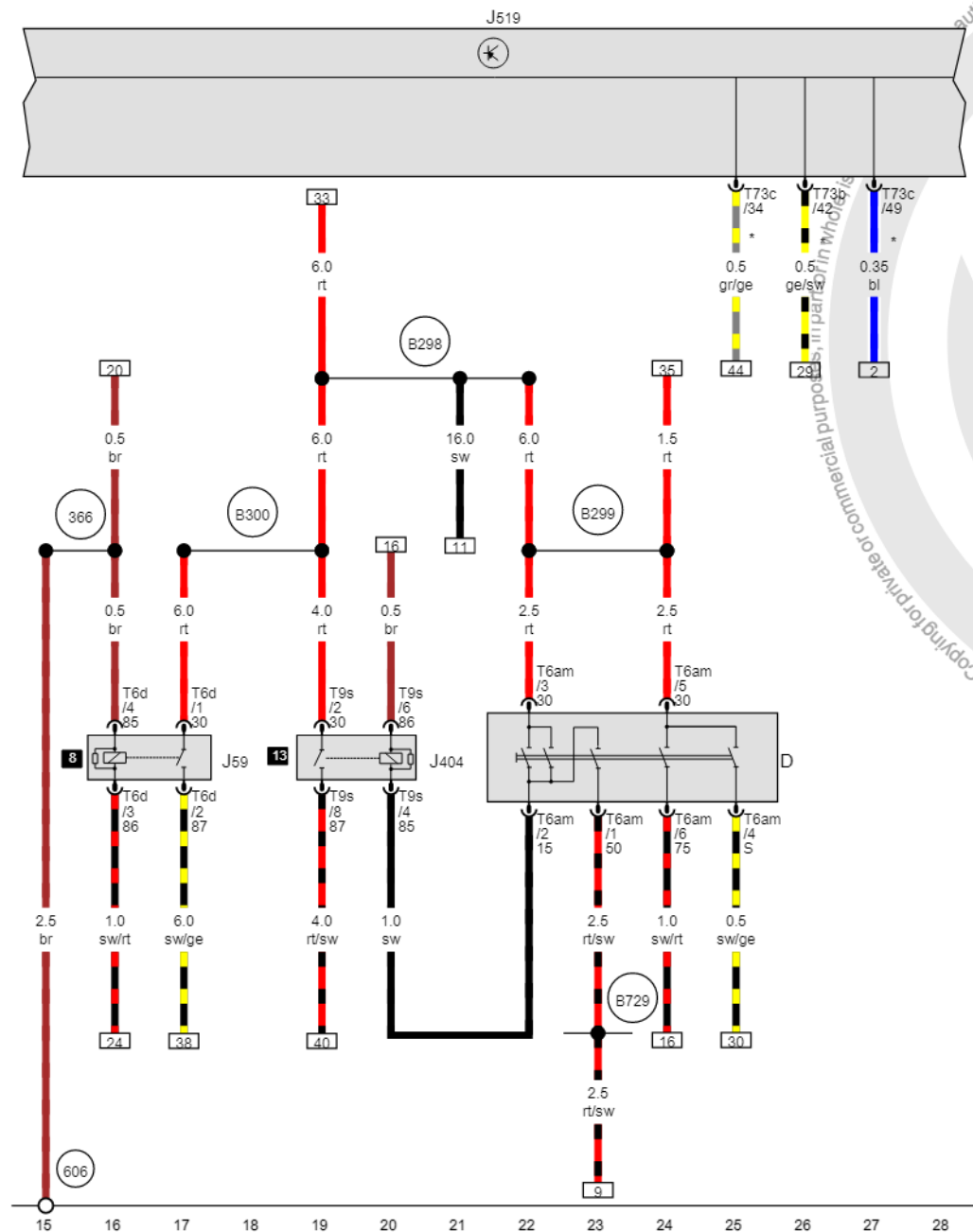


- |      |  |
|------|--|
| A    | Battery  |
| B    | Starter  |
| C    | Alternator                                       |
| C1   | Voltage regulator                                |
| J519 | Onboard supply control unit                      |
| J623 | Engine control unit                              |
| S162 | Fuse 1 (30), in battery fuse holder              |
| S163 | Fuse 2 (30), in battery fuse holder              |
| S164 | Fuse 3 (30), in battery fuse holder              |
| S269 | Fuse 11 (30), in battery fuse holder             |
| T1j  | Single connector                                 |
| T2ak | 2-pin connector, in engine compartment           |
| T2ar | 2-pin connector                                  |
| T73a | 73-pin connector                                 |
| 1    | Earth strap, battery - body                      |
| 49   | Earth point, near ..., near battery              |
| 507  | Threaded connection (30), on battery fuse holder |
| *    | Only models with onboard supply control unit BCM |
| *2   | Only models with onboard supply control unit BFM |

ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- \* Only models with onboard supply control unit BCM



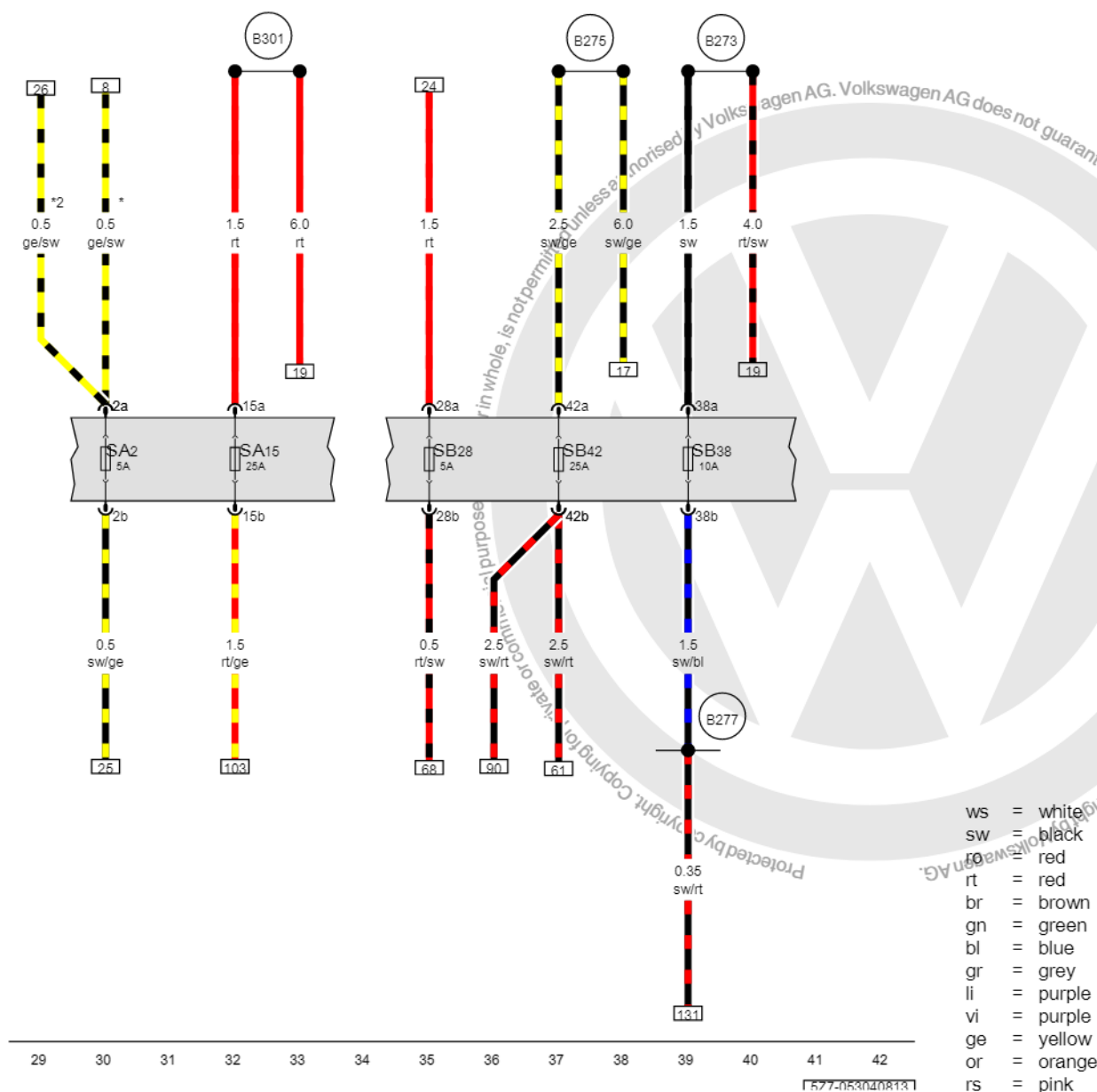
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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse 2 in fuse holder A, Fuse 15 in fuse holder A, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

SA2 Fuse 2 in fuse holder A  
SA15 Fuse 15 in fuse holder A  
SB28 Fuse 28 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB42 Fuse 42 on fuse holder B

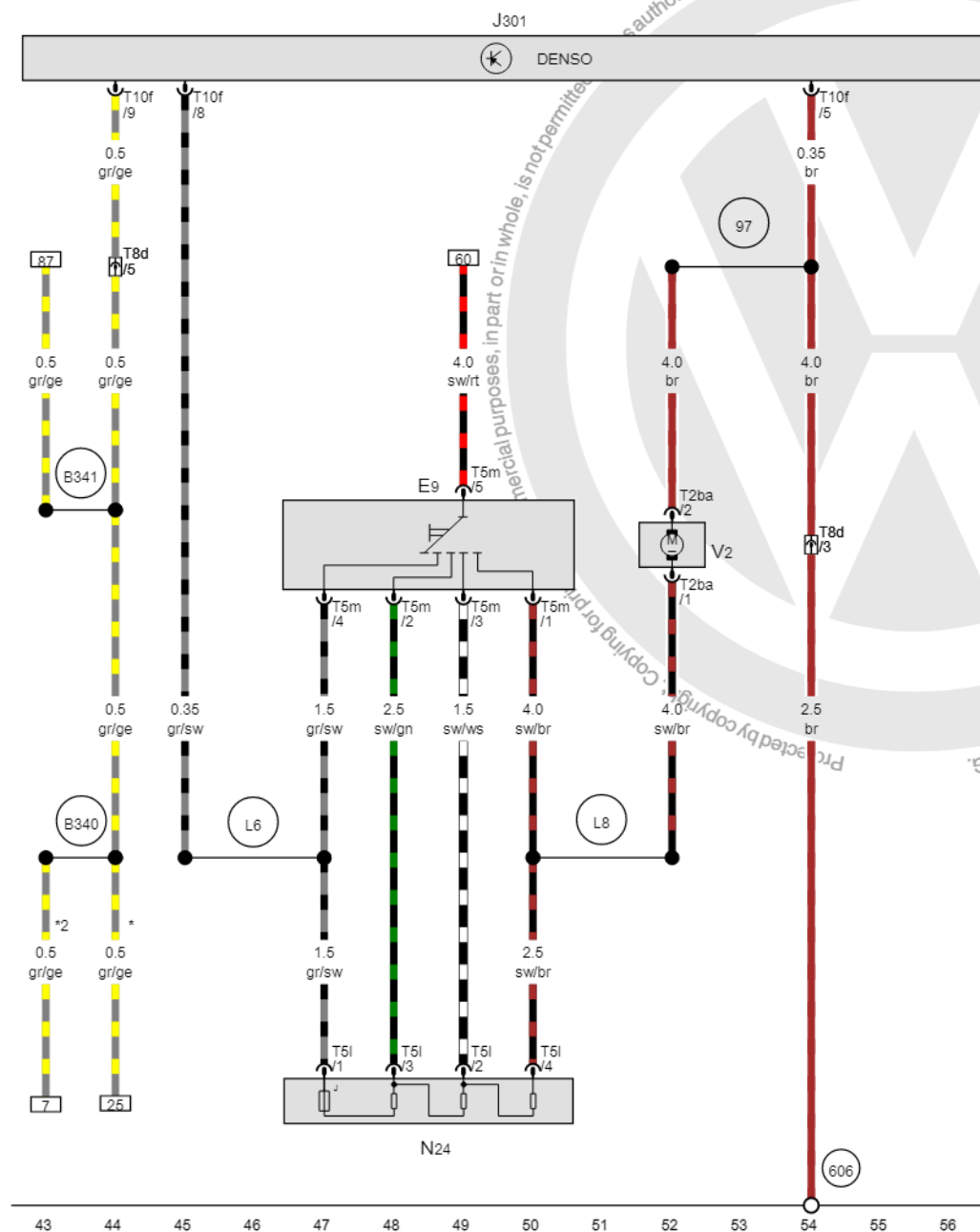
B273 Positive connection (15), in main wiring harness  
B275 Positive connection (87), in main wiring harness  
B277 Positive connection 1 (15a) in main wiring harness  
B301 Positive connection 5 (30), in main wiring harness

\* Only models with onboard supply control unit BFM  
\*2 Only models with onboard supply control unit BCM



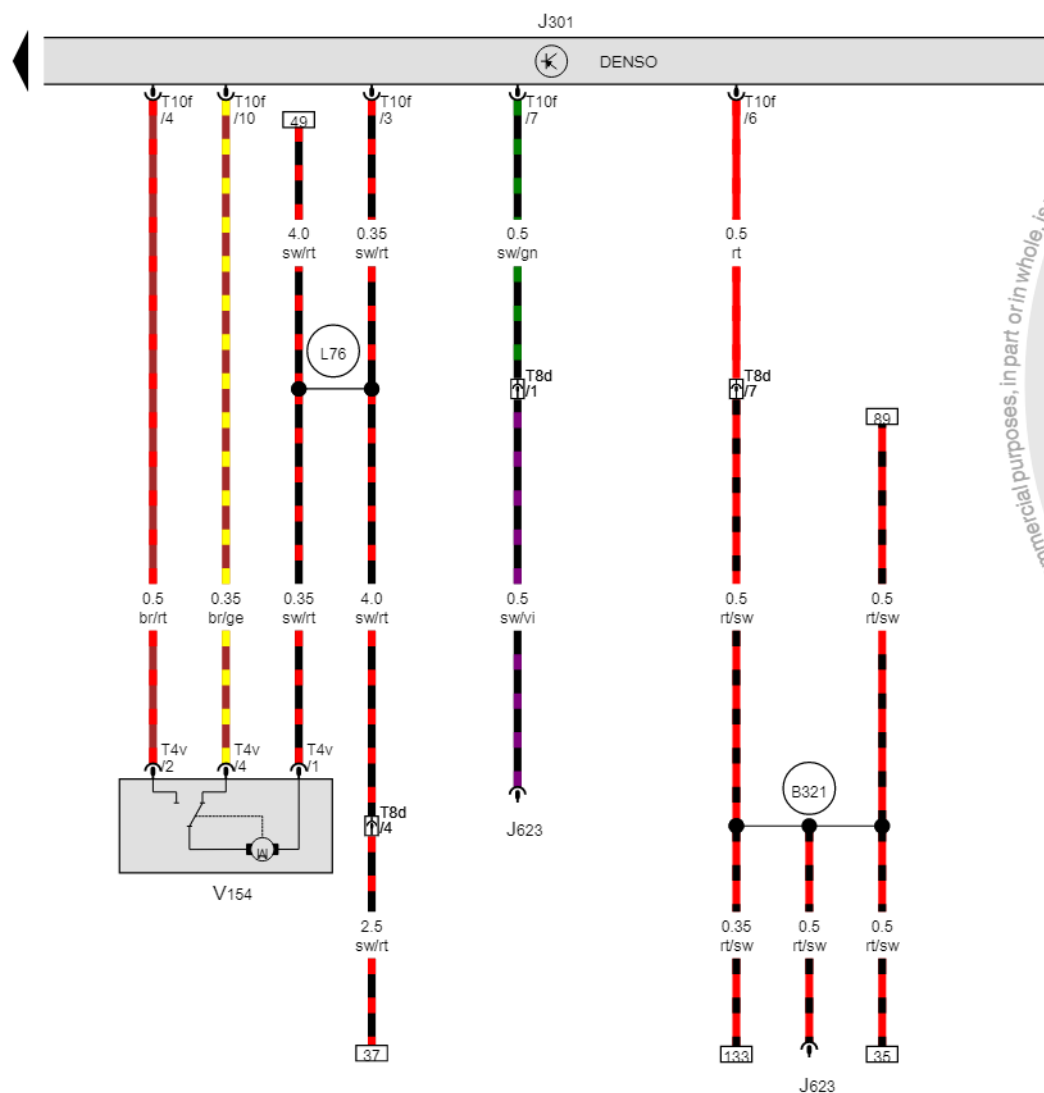
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rt = red  
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gn = green  
bl = blue  
gr = grey  
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vi = purple  
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or = orange  
rs = pink

Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower



- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Air conditioning system control unit, Fresh air and air recirculation flap control motor

- J301 Air conditioning system control unit  
J623 Engine control unit  
T4v 4-pin connector  
T8d 8-pin connector, behind dash panel, centre  
T10f 10-pin connector  
V154 Fresh air and air recirculation flap control motor  
B321 Positive connection 7 (30a) in main wiring harness  
L76 Connection (87), in air conditioning system wiring harness

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Fresh air blower switch, Air conditioning system control unit,  
Fresh air blower series resistor with overheating fuse, Fresh  
air blower

E9	Fresh air blower switch
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T2ba	2-pin connector
T4ao	4-pin connector
T5m	5-pin connector
T8d	8-pin connector, behind dash panel, centre
T10f	10-pin connector
V2	Fresh air blower

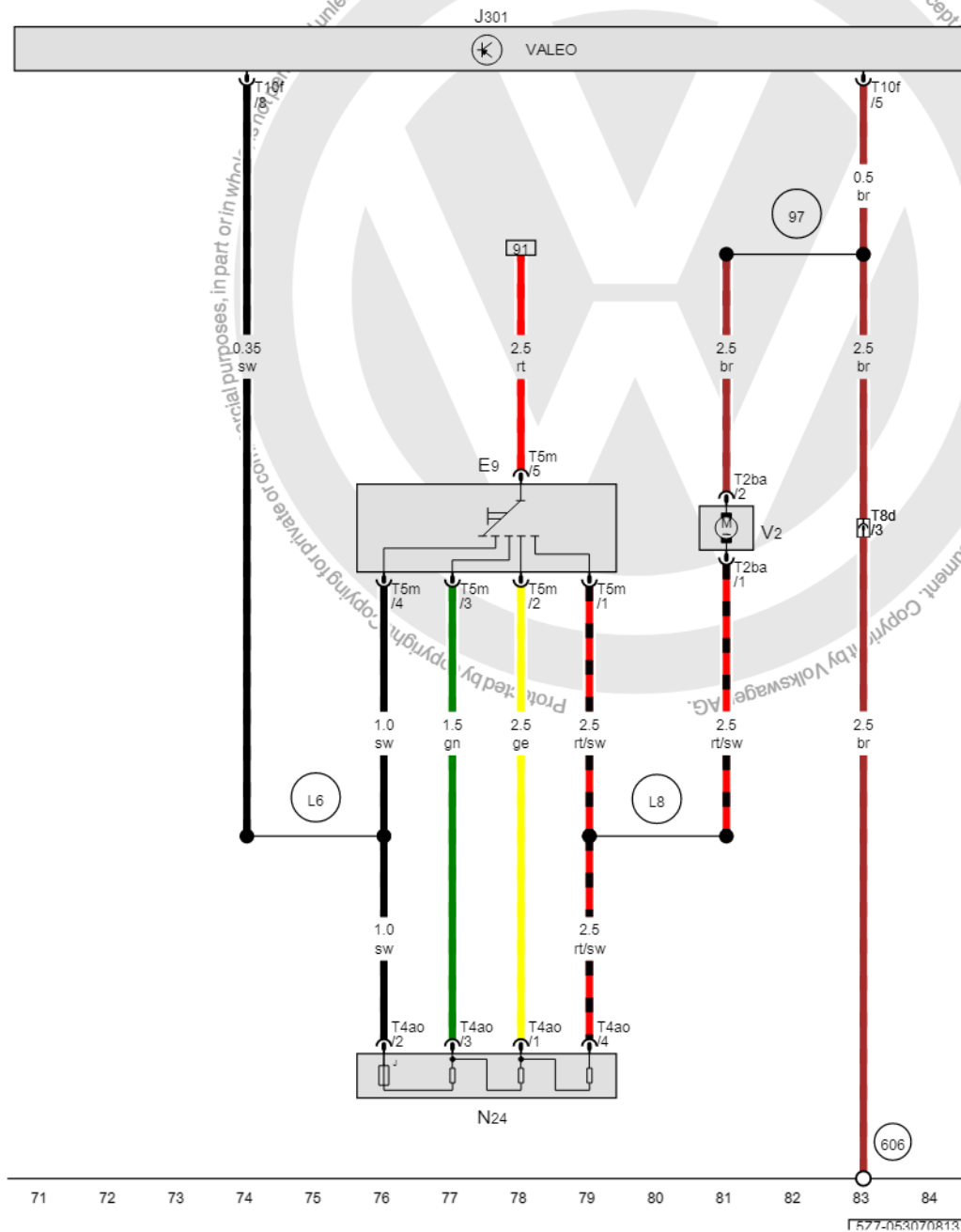
(97) Earth connection 1, in air conditioning system wiring harness

(606) Earth point, under the centre console near gear stick

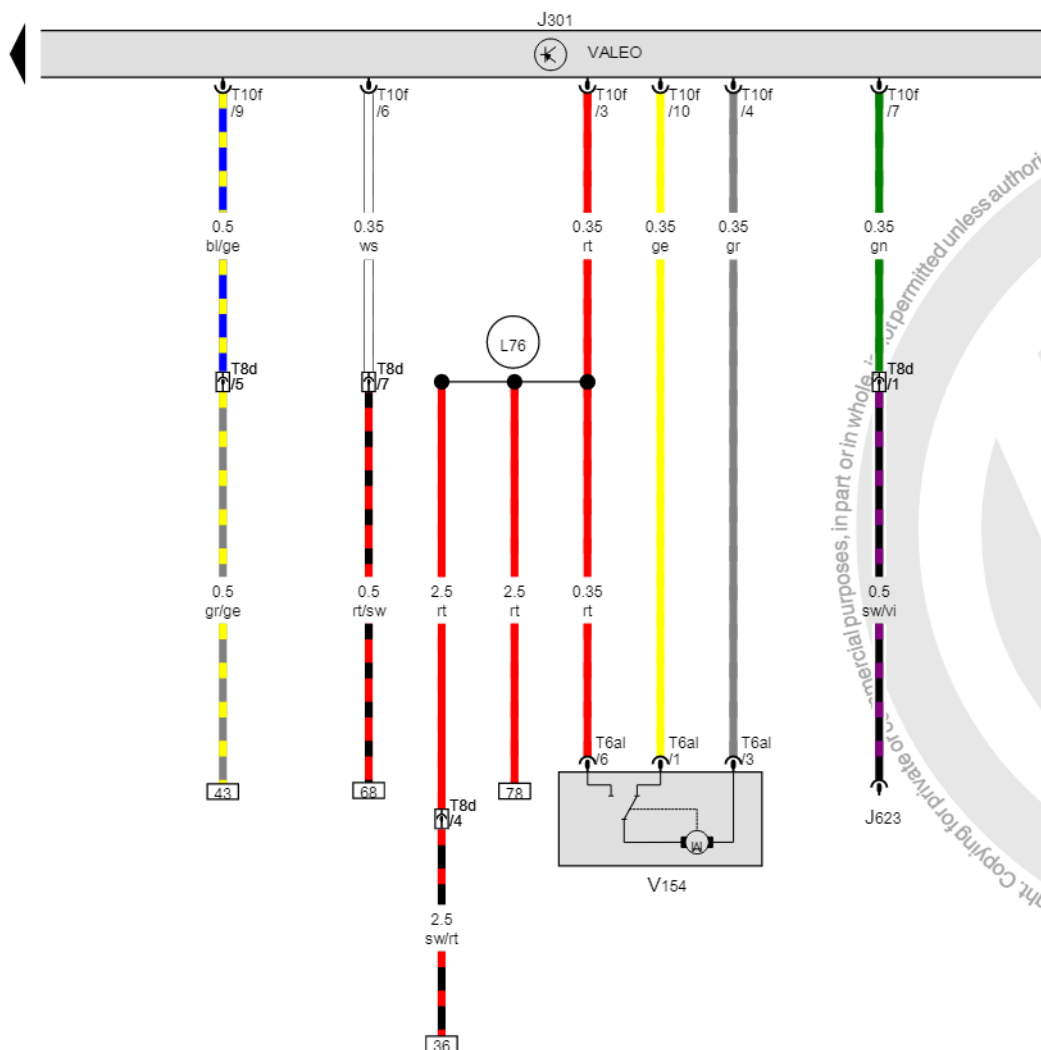
(L6) Connection 2, in evaporator housing unit wiring harness

(L8) Connection 4, in evaporator housing unit wiring harness

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Air conditioning system control unit, Fresh air and air recirculation flap control motor



- J301 Air conditioning system control unit
- J623 Engine control unit
- T6al 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V154 Fresh air and air recirculation flap control motor
- L76 Connection (87), in air conditioning system wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

85 86 87 88 89 90 91 92 93 94 95 96 97 98

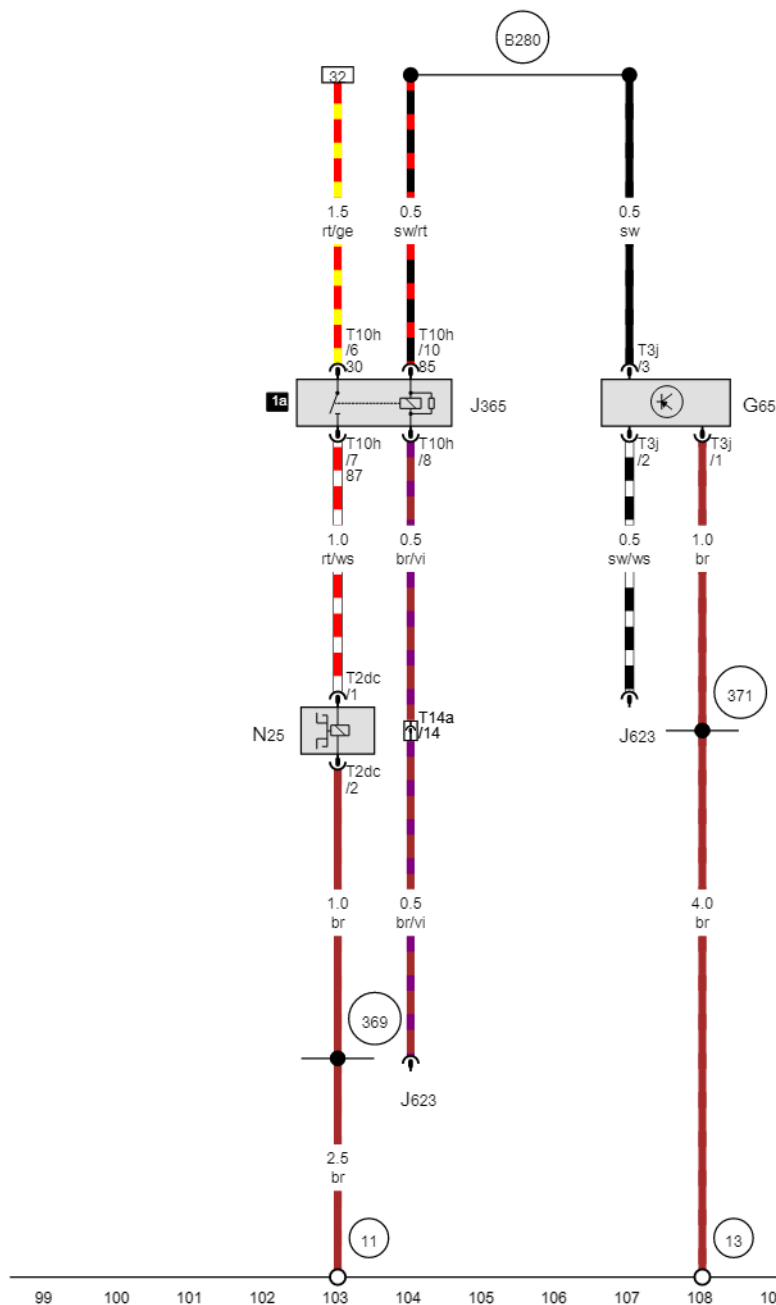
1577-053080813



High-pressure sender, Air conditioning system switch-off relay, Air conditioning system magnetic clutch

- G65 High-pressure sender
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- N25 Air conditioning system magnetic clutch
- T2dc 2-pin connector
- T3j 3-pin connector
- T10h 10-pin connector
- T14a 14-pin connector

- 11 Earth point, in battery box
- 13 Earth point, on right in engine compartment
- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

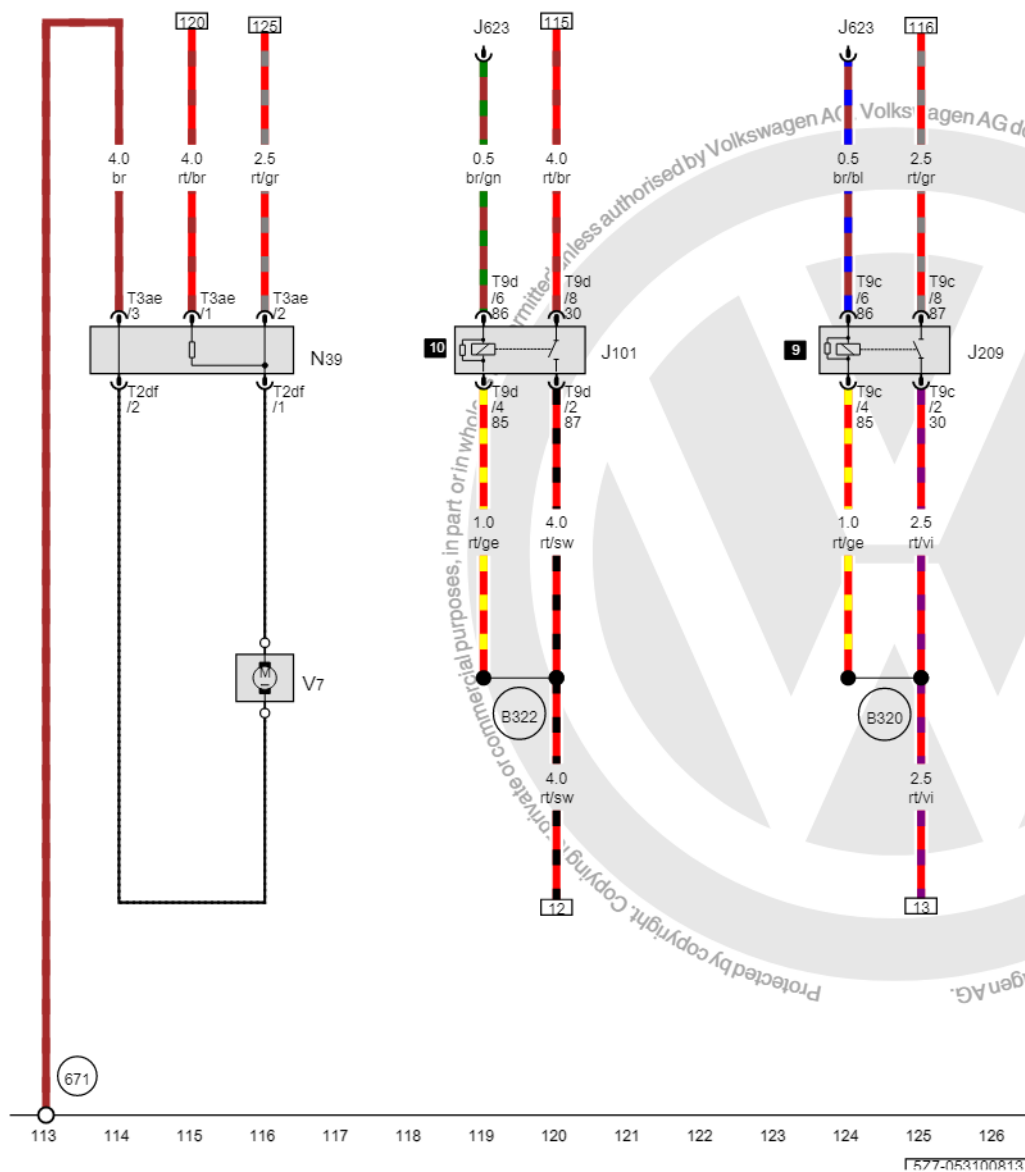
Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan

- J101 Radiator fan 2nd speed relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9d 9-pin connector
- V7 Radiator fan

671 Earth point 1, on front of left longitudinal member

B320 Positive connection 6 (30a) in main wiring harness

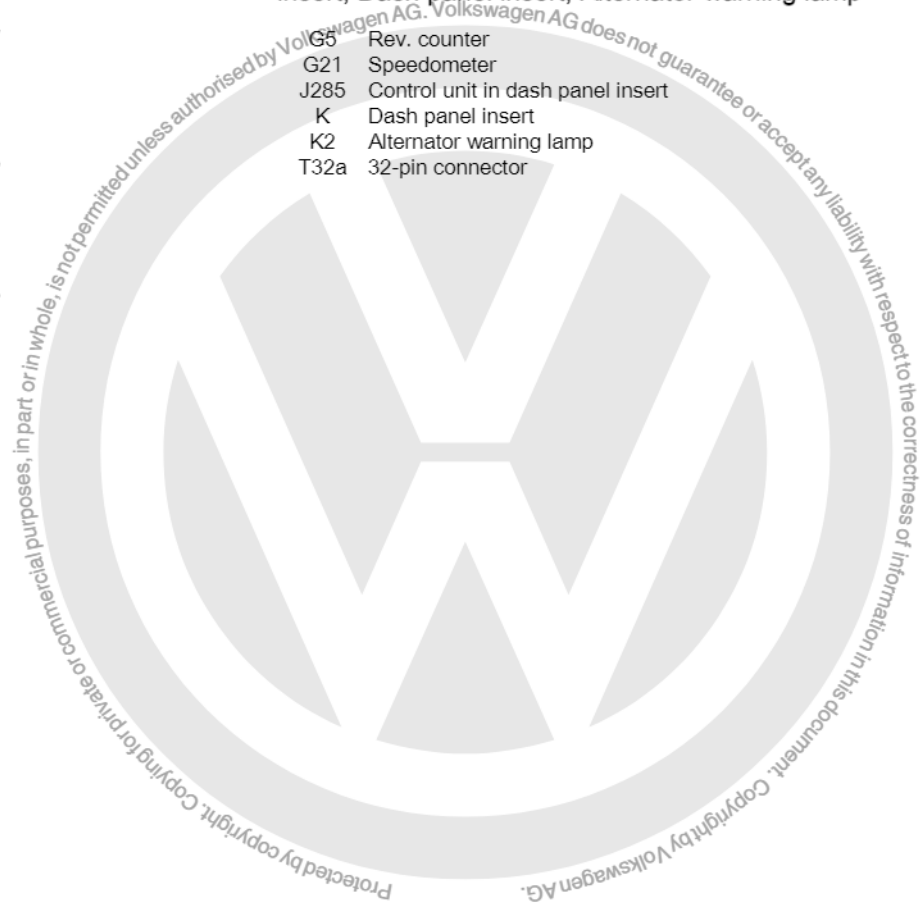
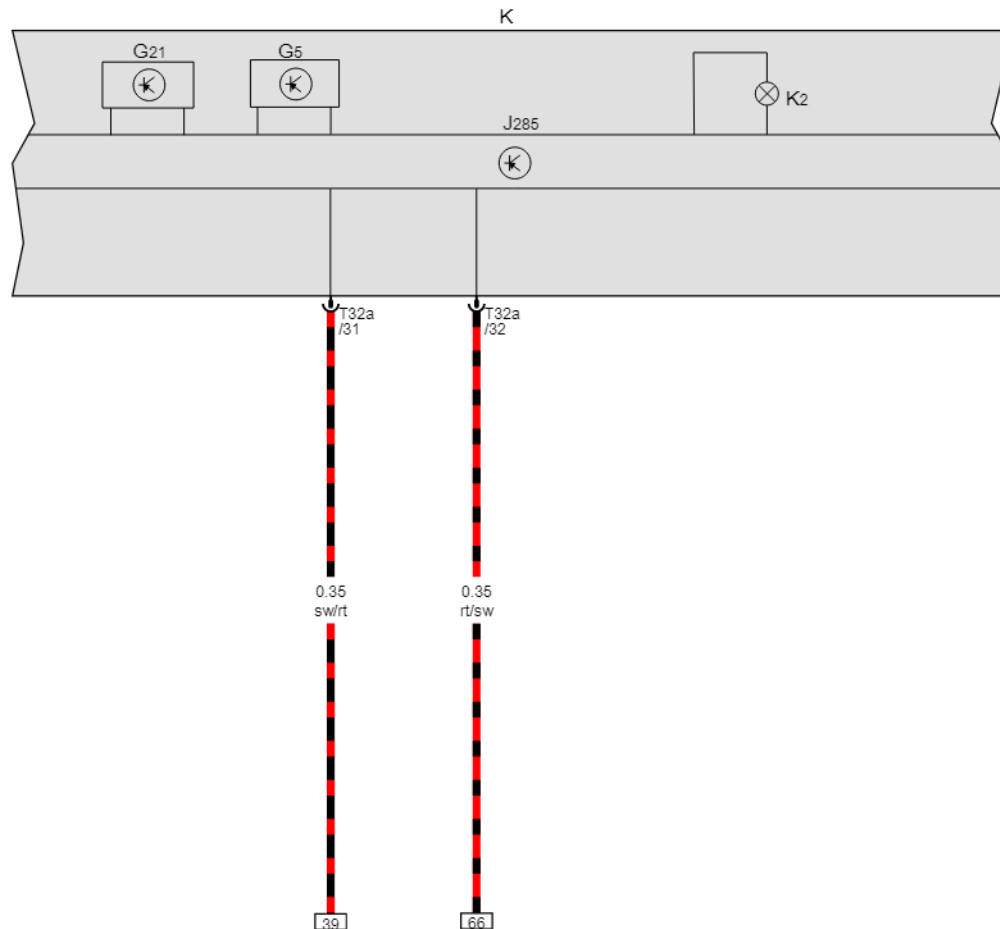
B322 Positive connection 8 (30a) in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

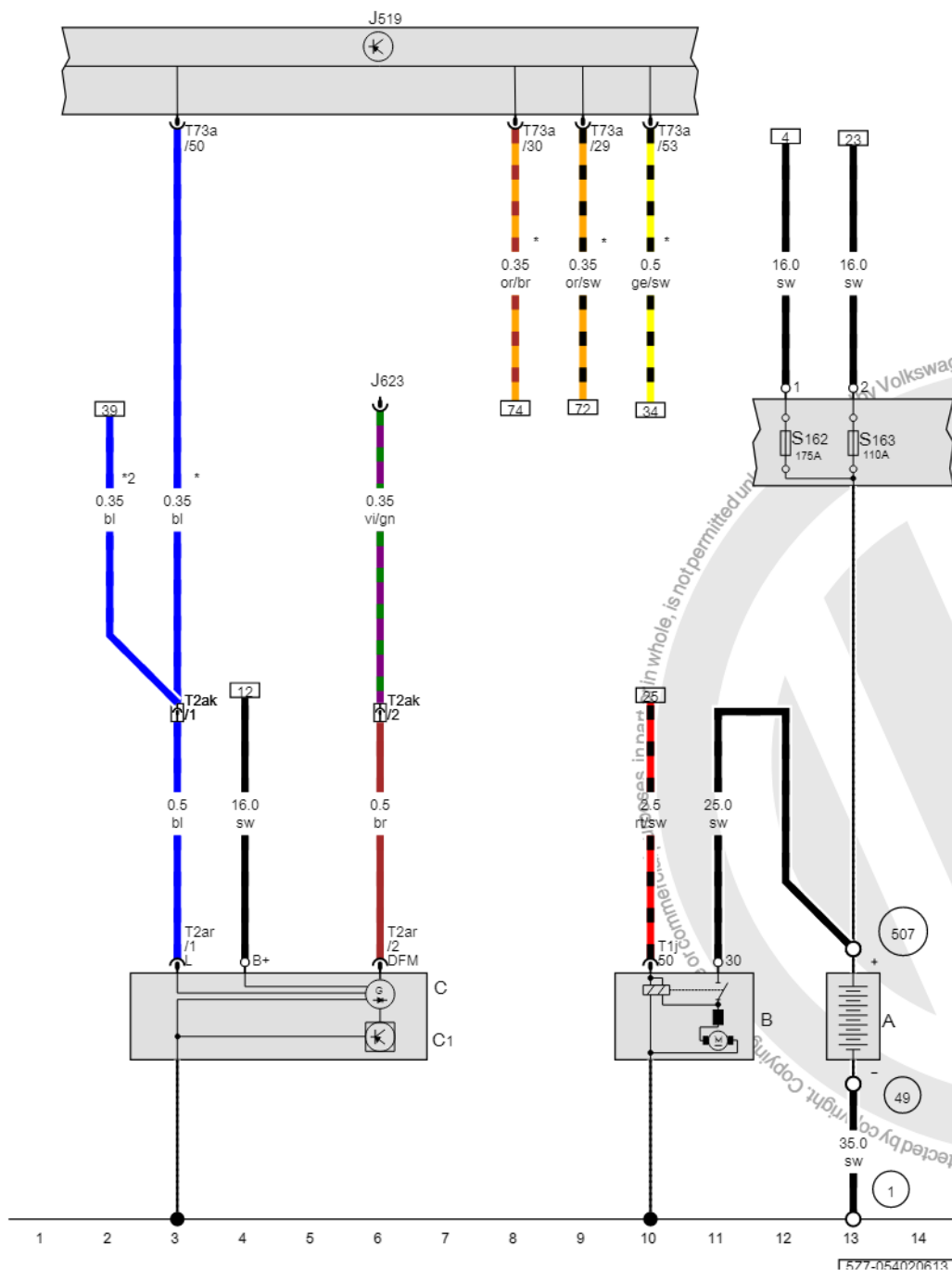
127 128 129 130 131 132 133 134 135 136 137 138 139 140

1577-053110813

## Interactive system

From April 2013

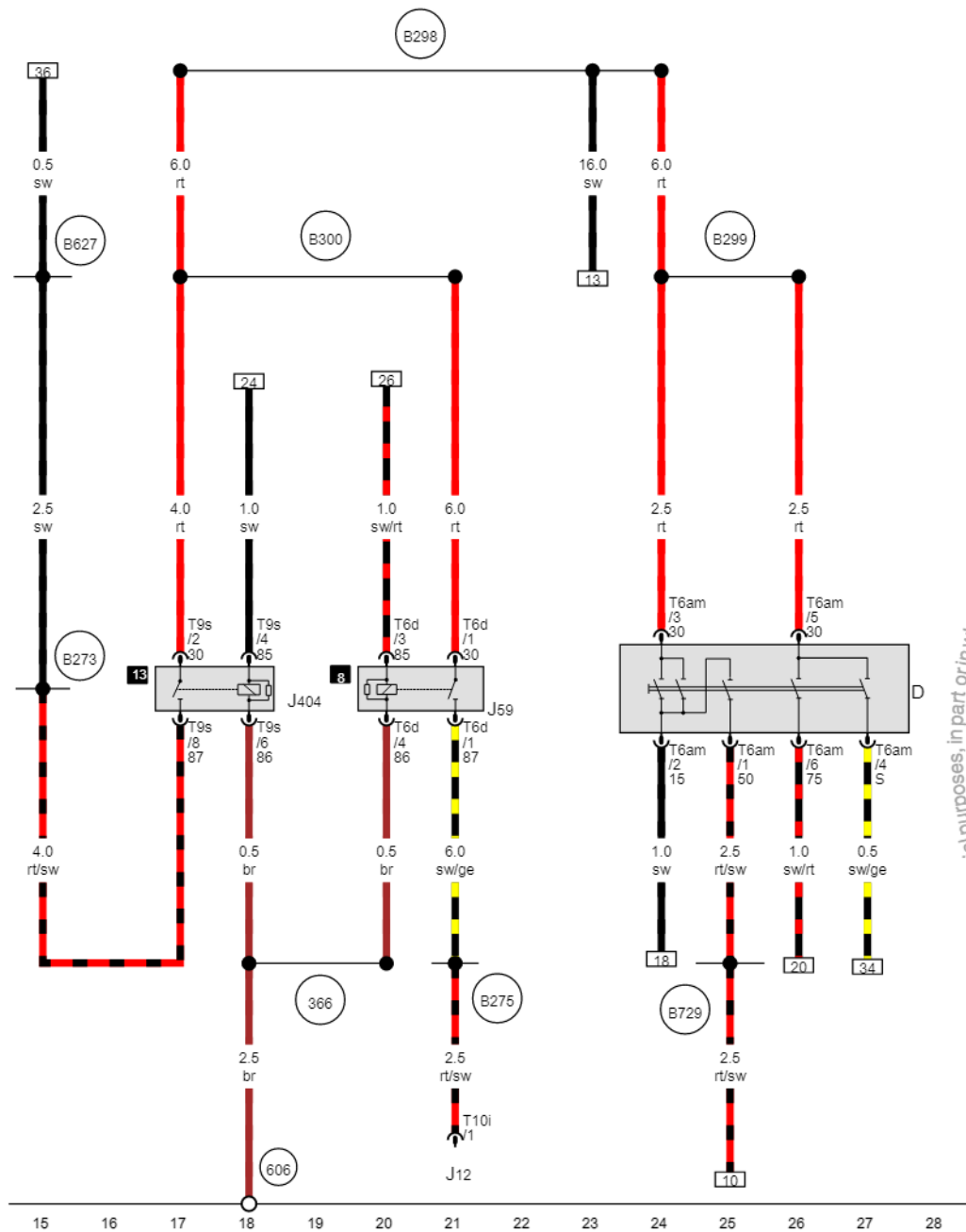




Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

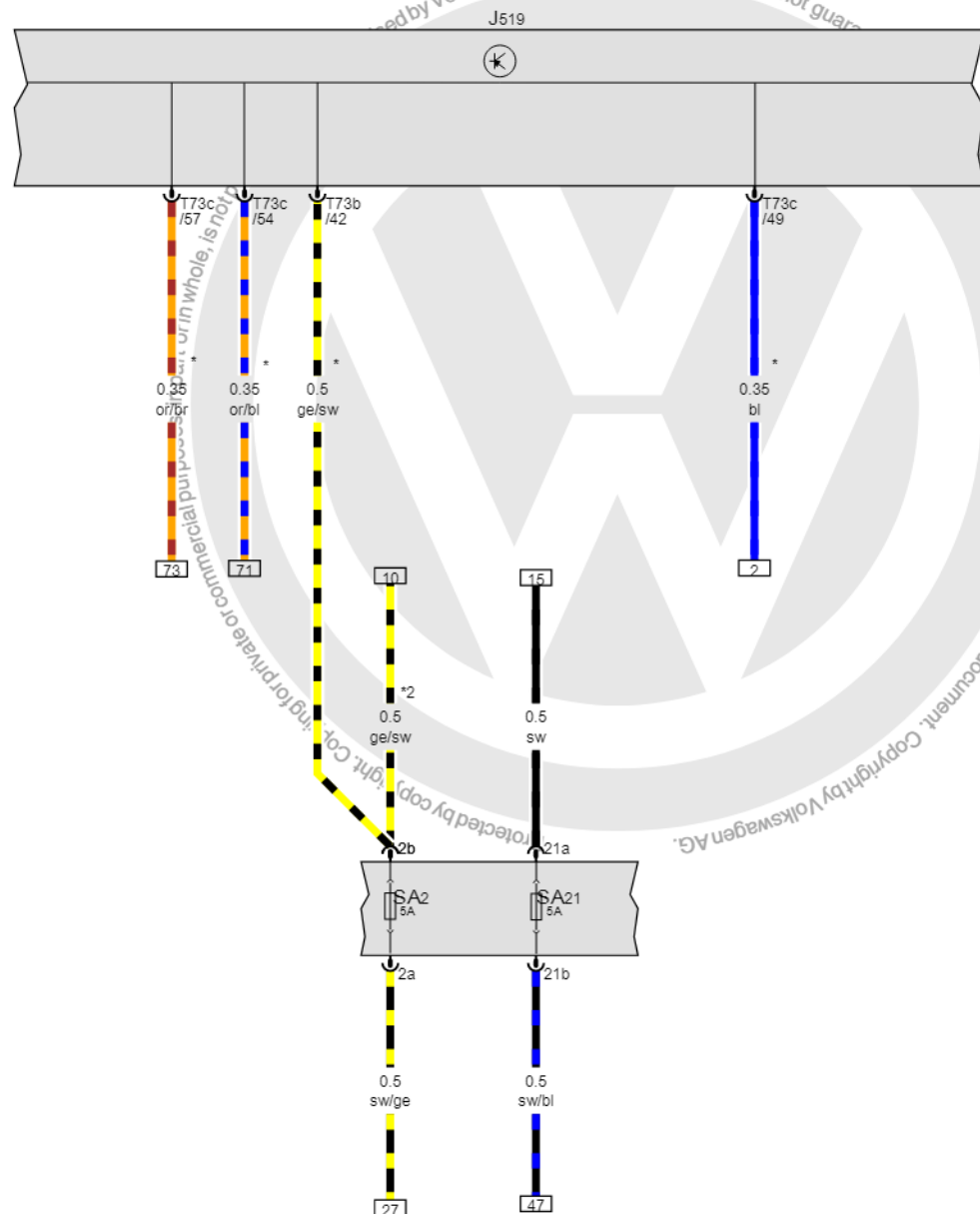
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay



- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

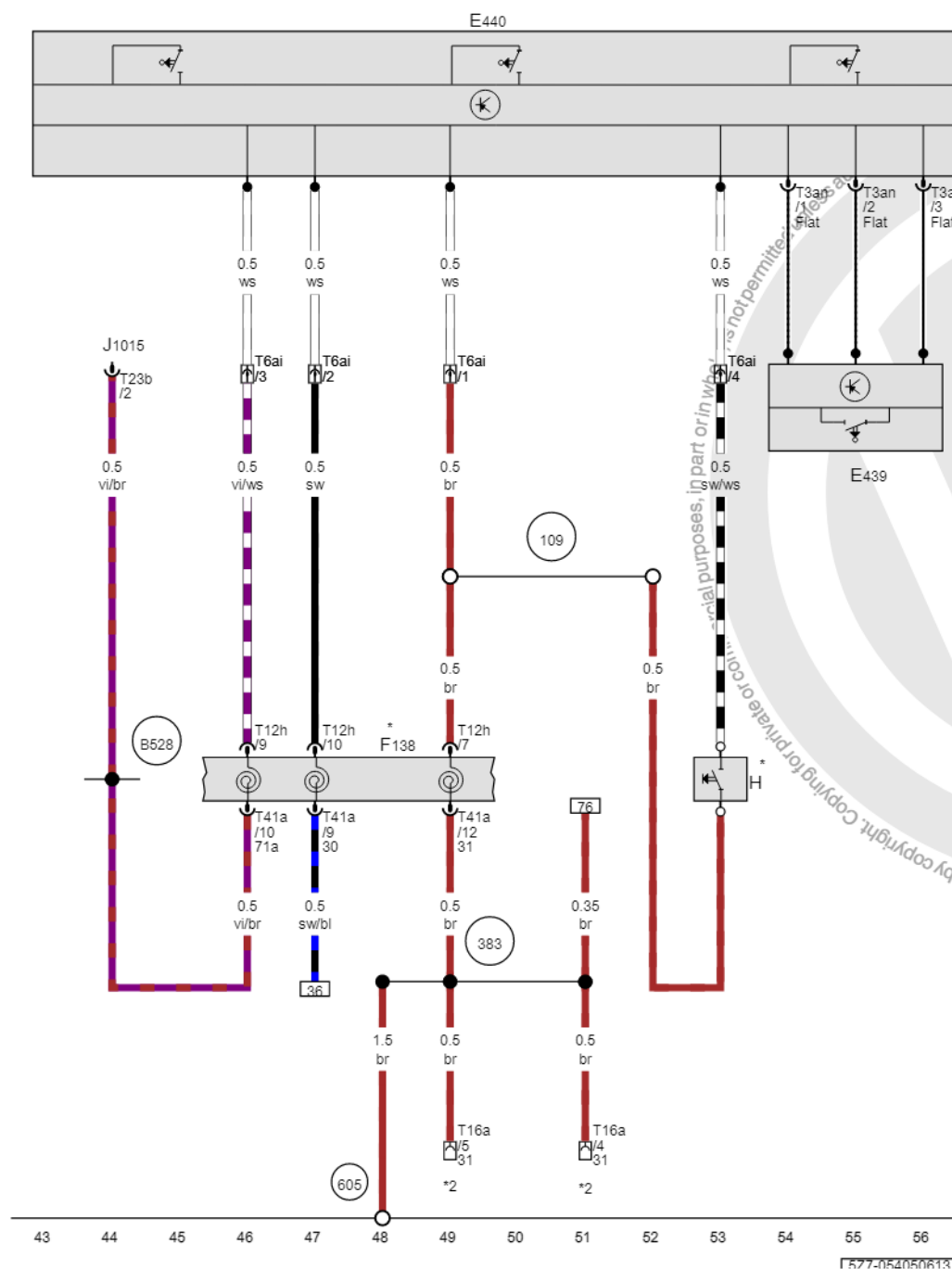
- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



#### Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



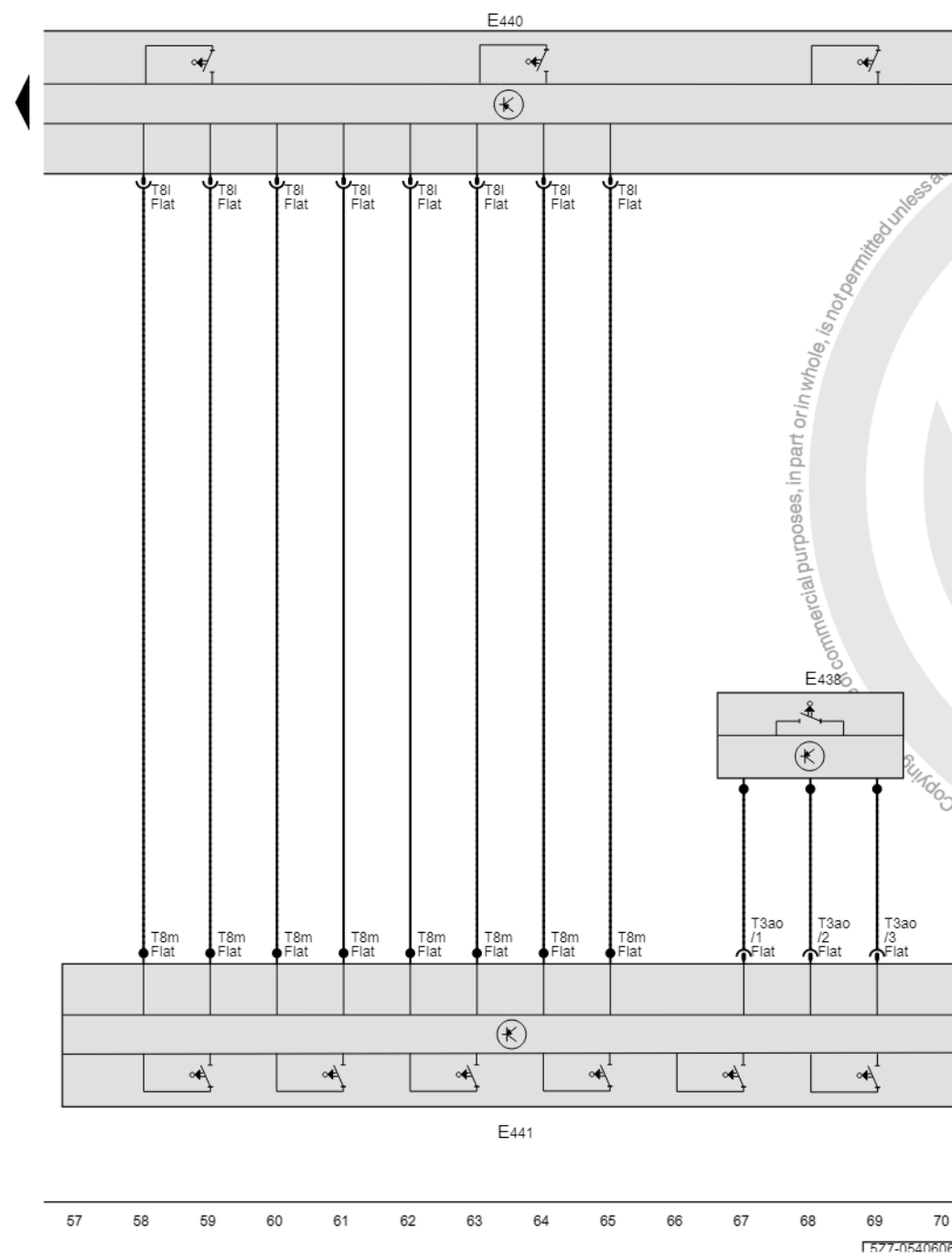
Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J1015 Central control unit for window regulators
- T3an 3-pin connector
- T6ai 6-pin connector, in steering wheel
- T12h 12-pin connector
- T16a 16-pin connector
- T23b 23-pin connector
- T41a 41-pin connector

- 109 Earth connection, in airbag wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B528 Connection 1 (LIN bus) in main wiring harness
- \* Only models with operating unit for radio
- \*2 Diagnostic connection

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

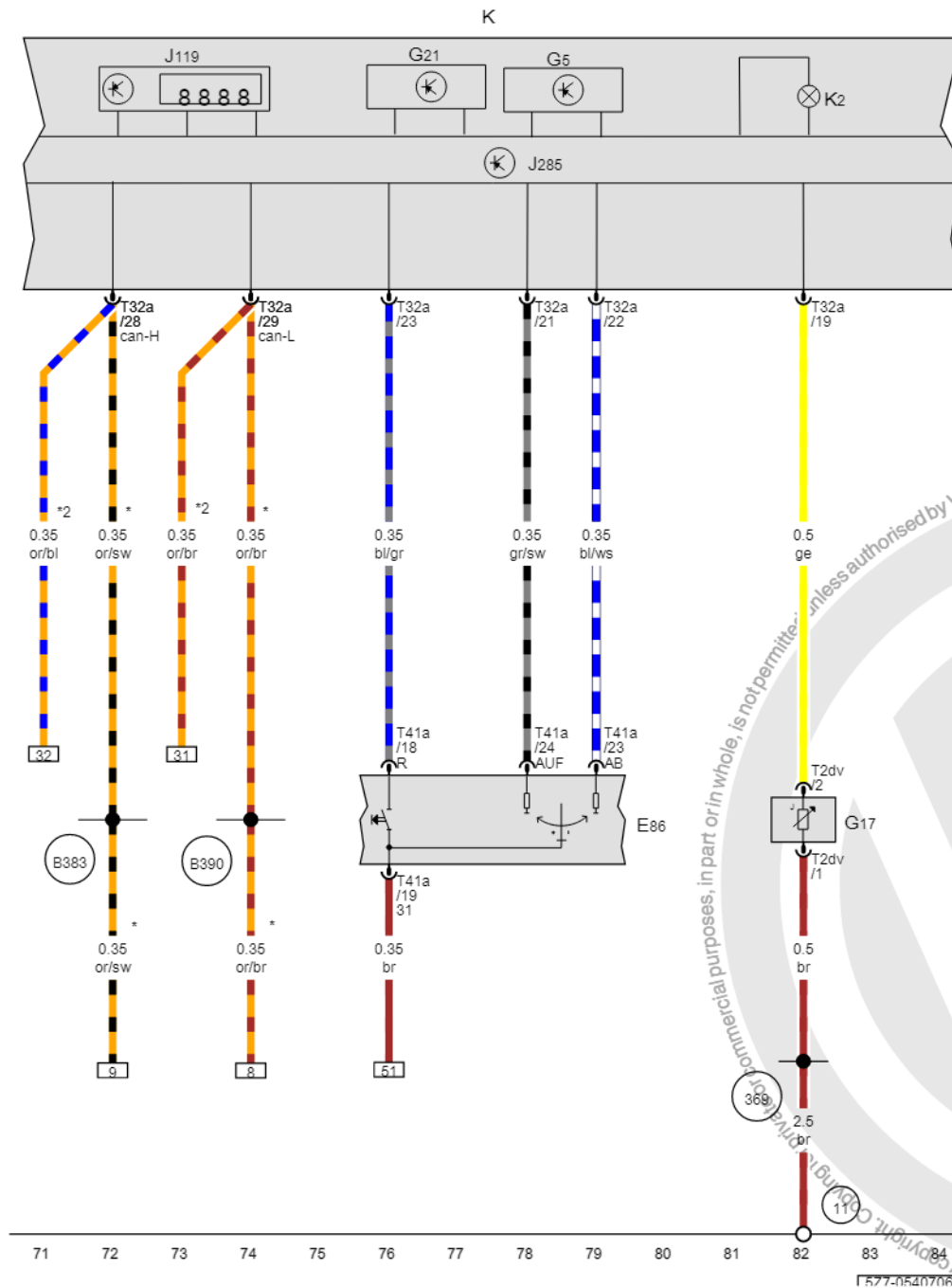
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
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Multifunction display call-up button, Rev. counter, Ambient temperature sensor, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- E86 Multifunction display call-up button
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T2dv 2-pin connector
- T32a 32-pin connector
- T41a 41-pin connector
- 11 Earth point, in battery box
- 369 Earth connection 4, in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with on-board supply control unit BFM
- \*2 Only models with on-board supply control unit BCM



## Central locking

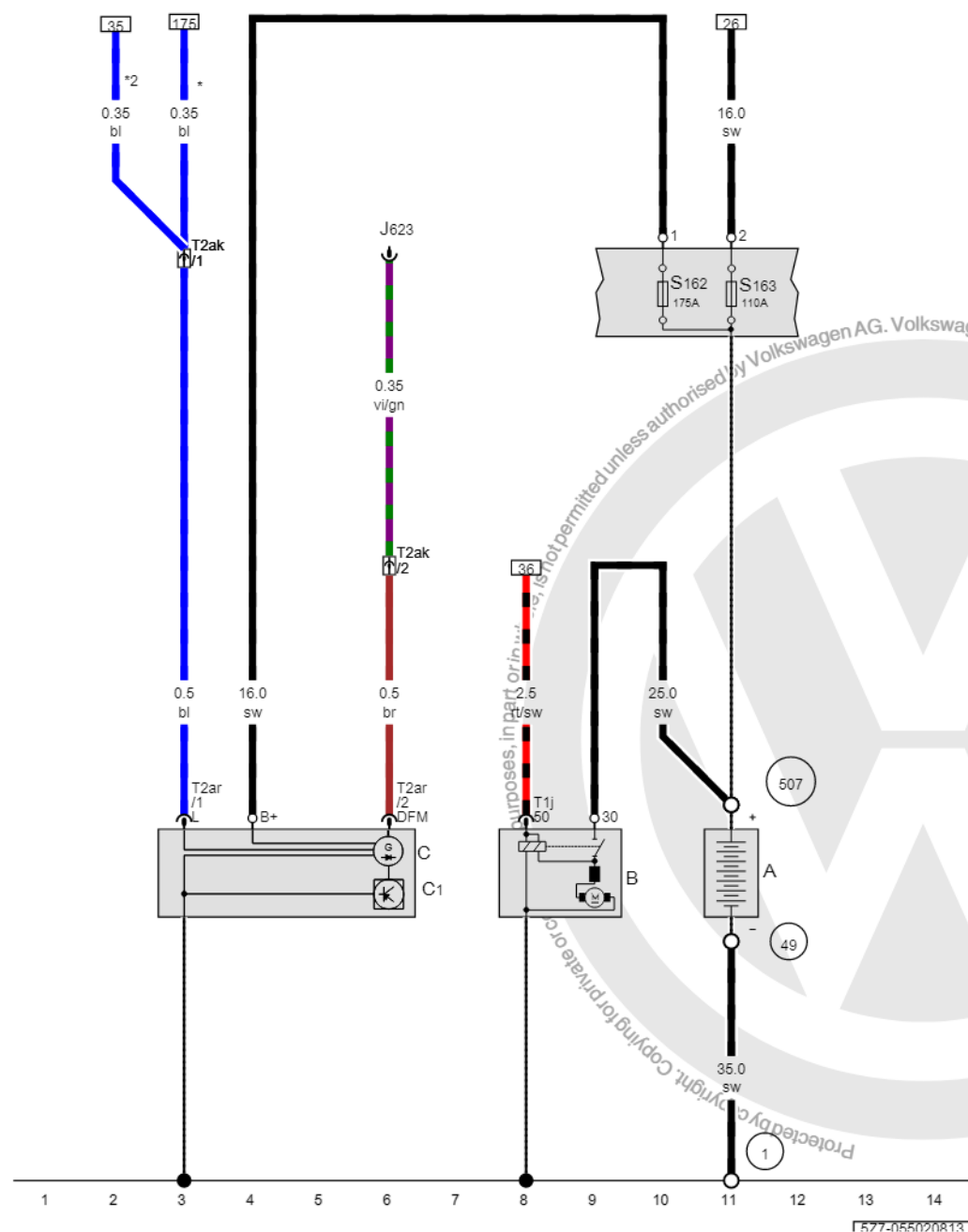
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch  
E1 Light switch  
J59 X-contact relief relay  
J404 Terminal 15 relief relay  
T6am 6-pin connector  
T6d 6-pin connector  
T9s 9-pin connector  
T17a 17-pin connector

B275 Positive connection (87), in main wiring harness

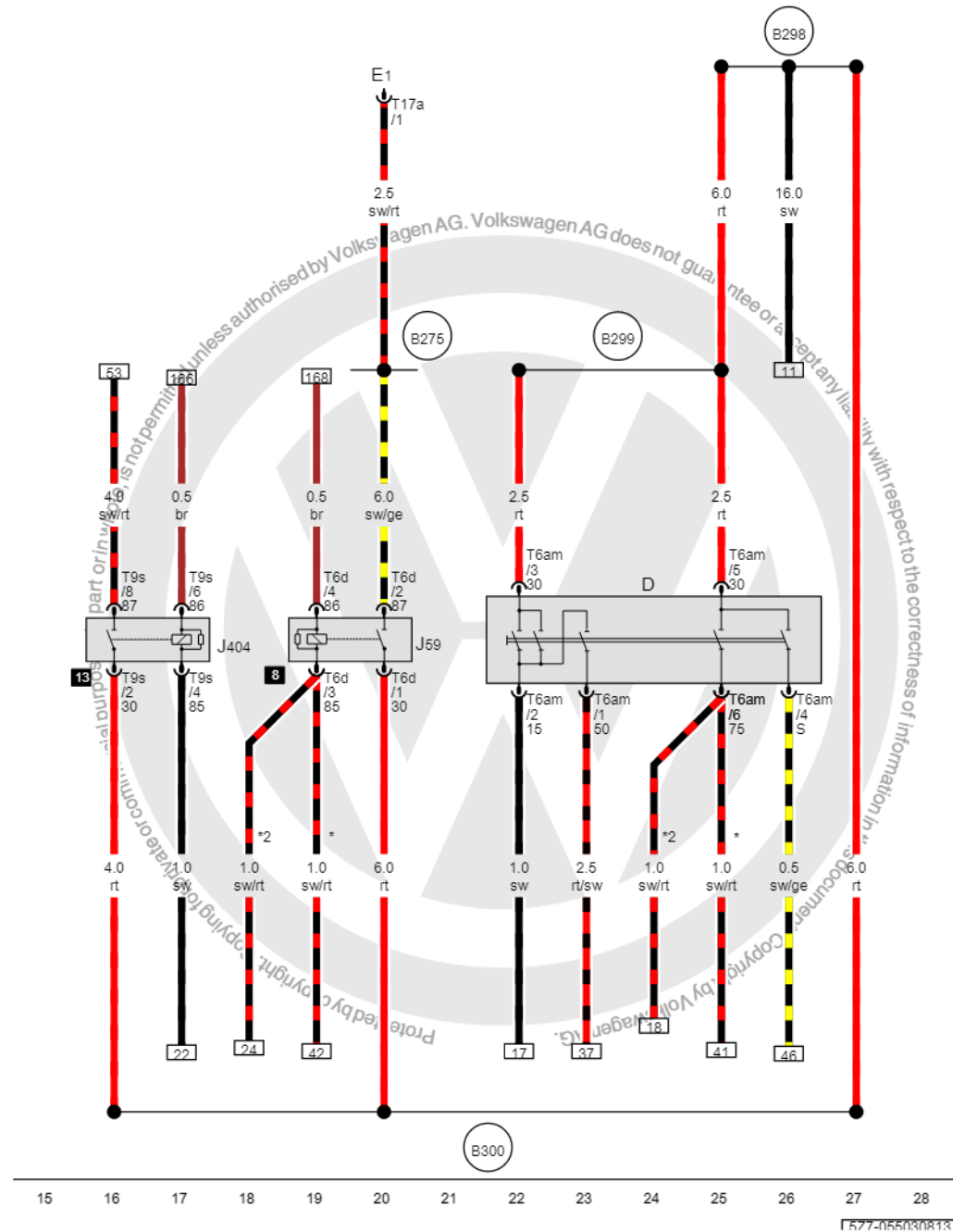
B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



# Onboard supply control unit

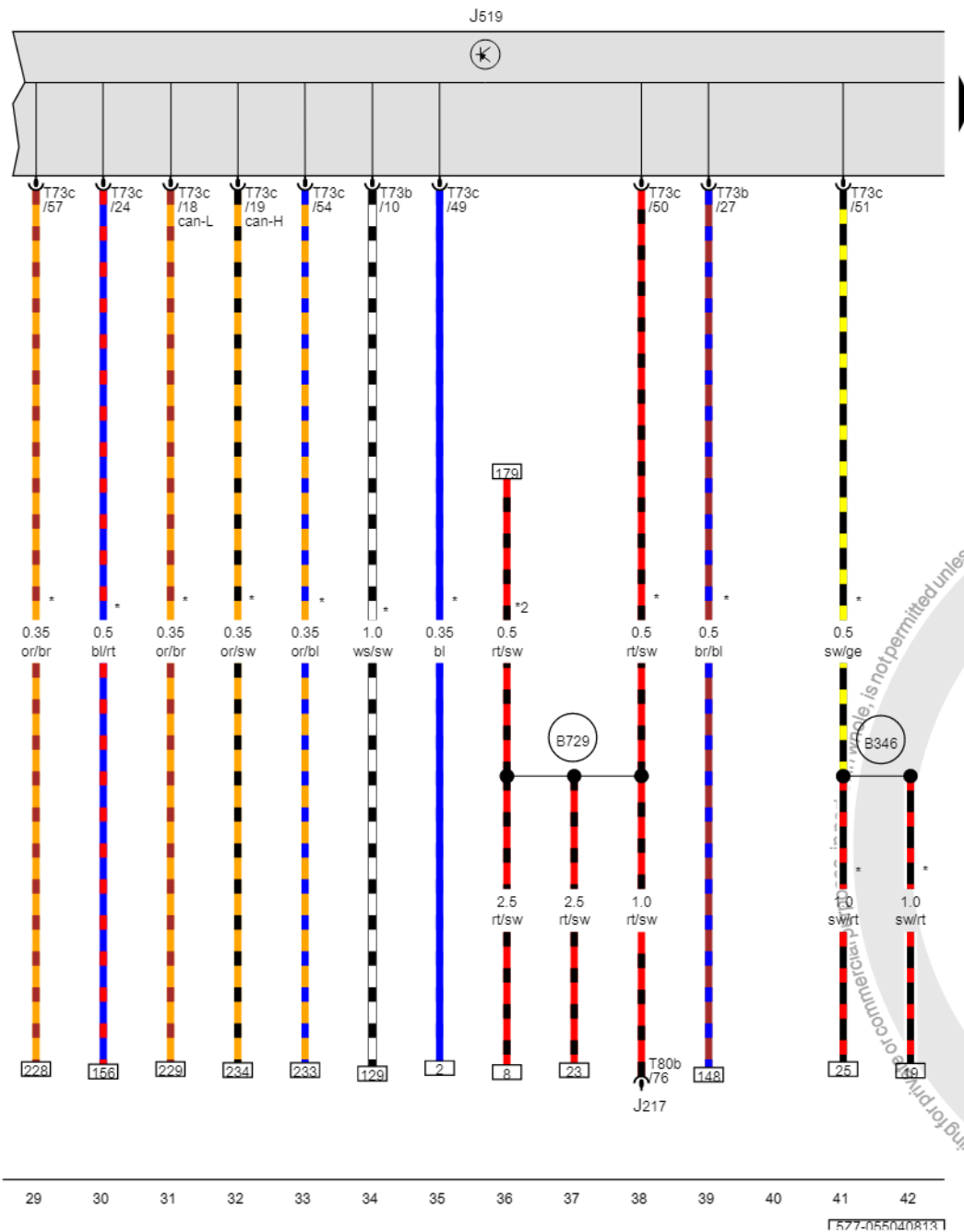
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector

B346 Connection 1 (75), in main wiring harness

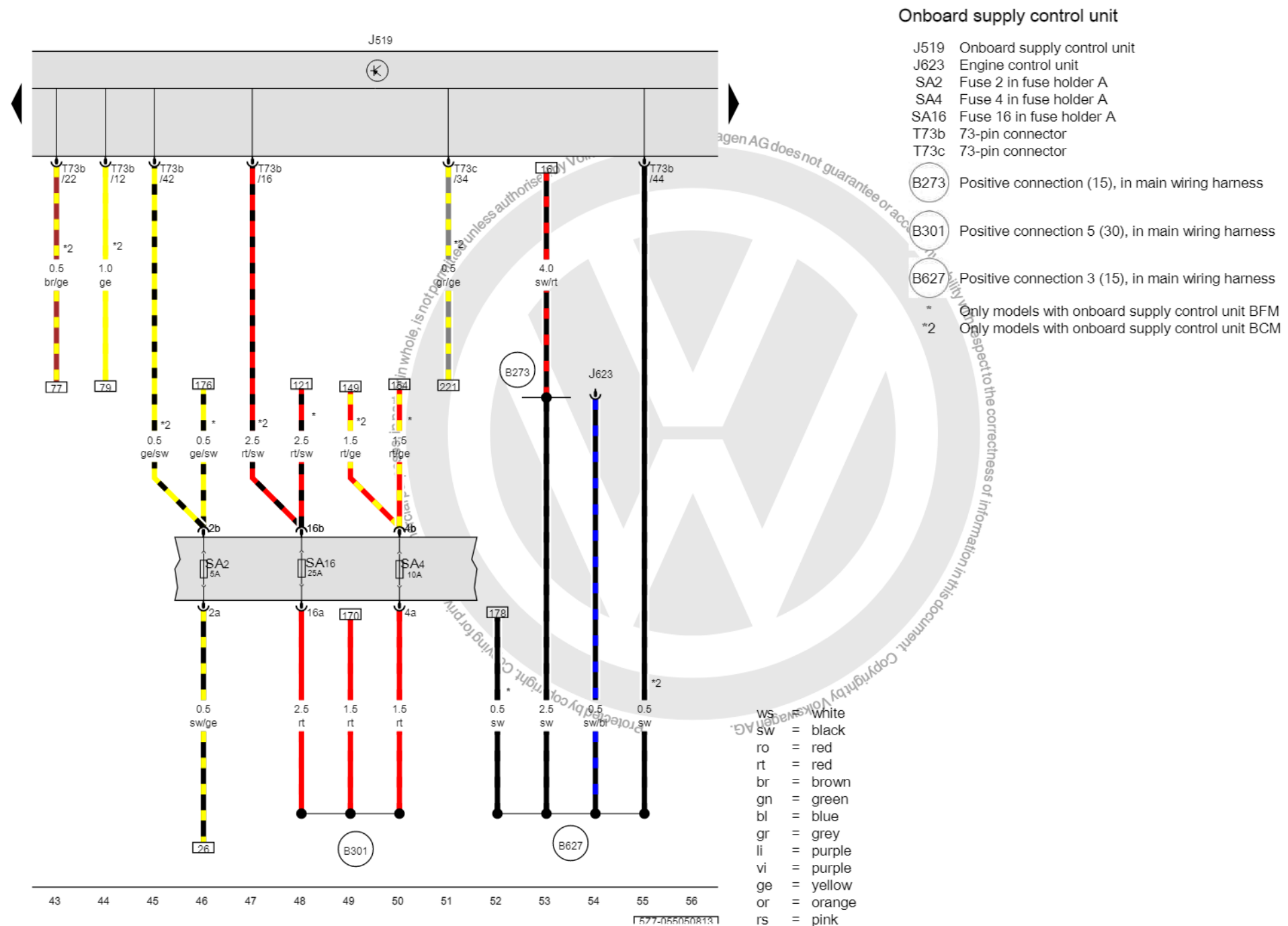
B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BCM

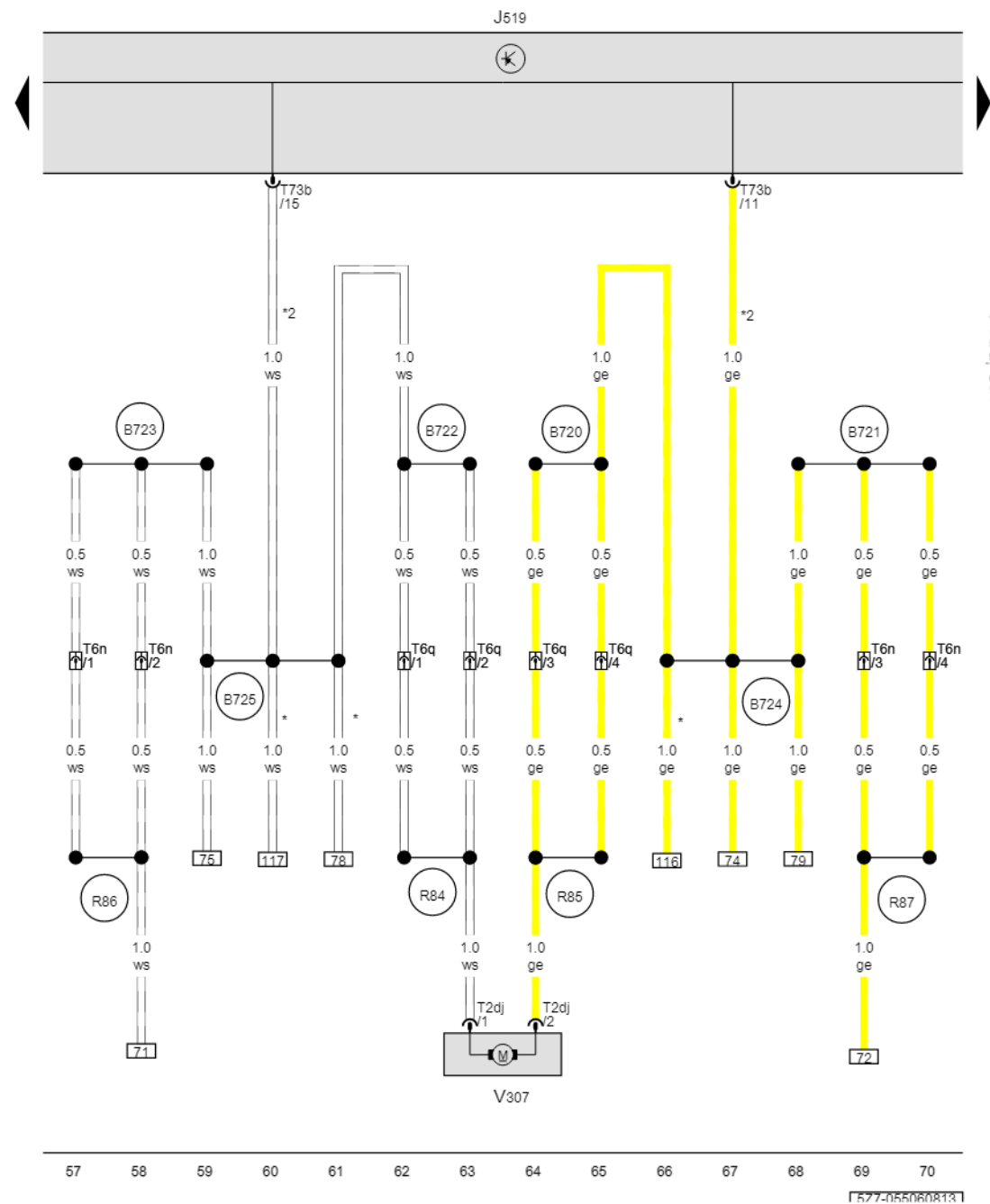
\*2 Only models with onboard supply control unit BFM



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



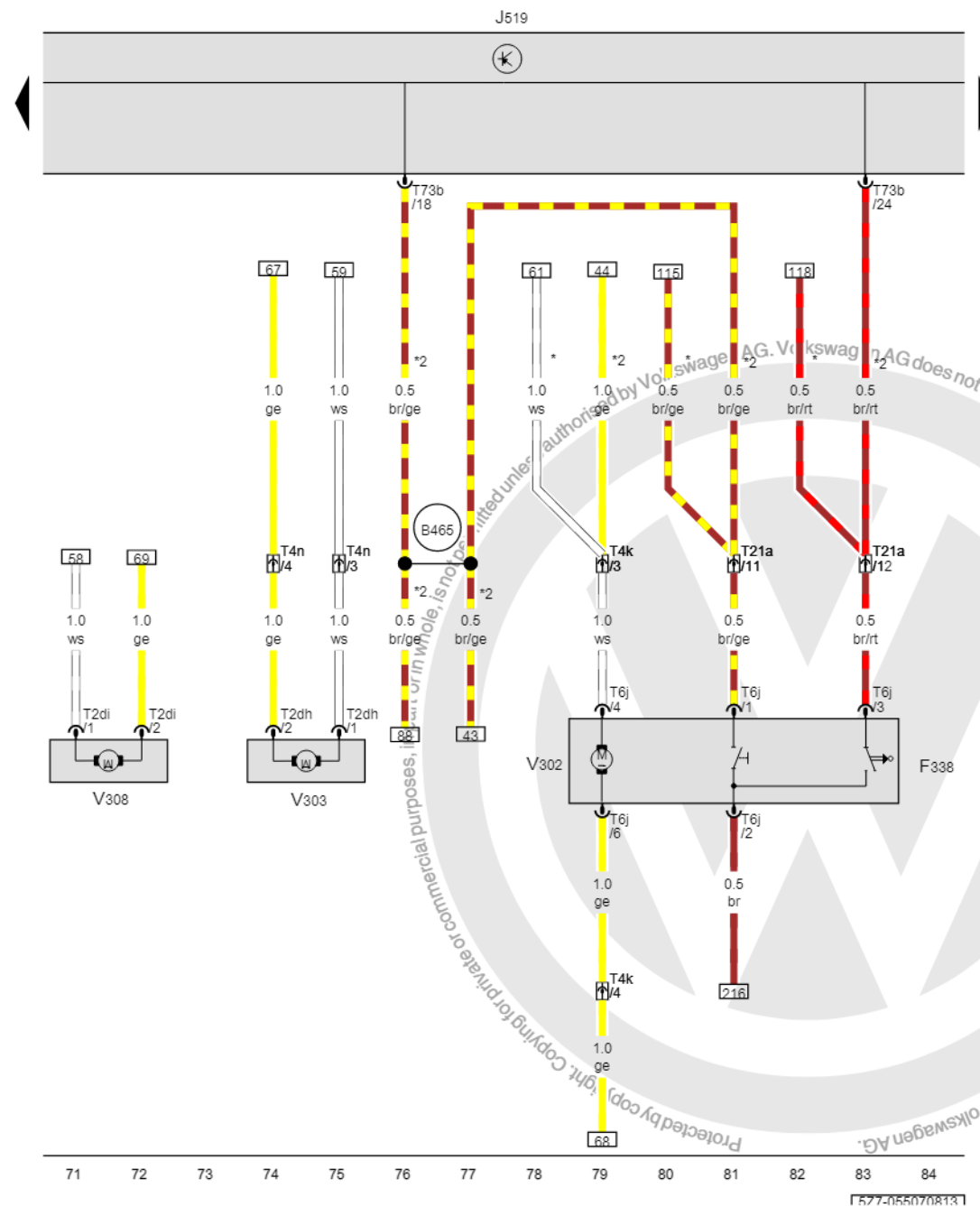
Onboard supply control unit, Rear left power latching motor



- J519 Onboard supply control unit
- T2dj 2-pin connector
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector, in rear left door
- T73b 73-pin connector
- V307 Rear left power latching motor
- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B724 Connection (central locking unlocked), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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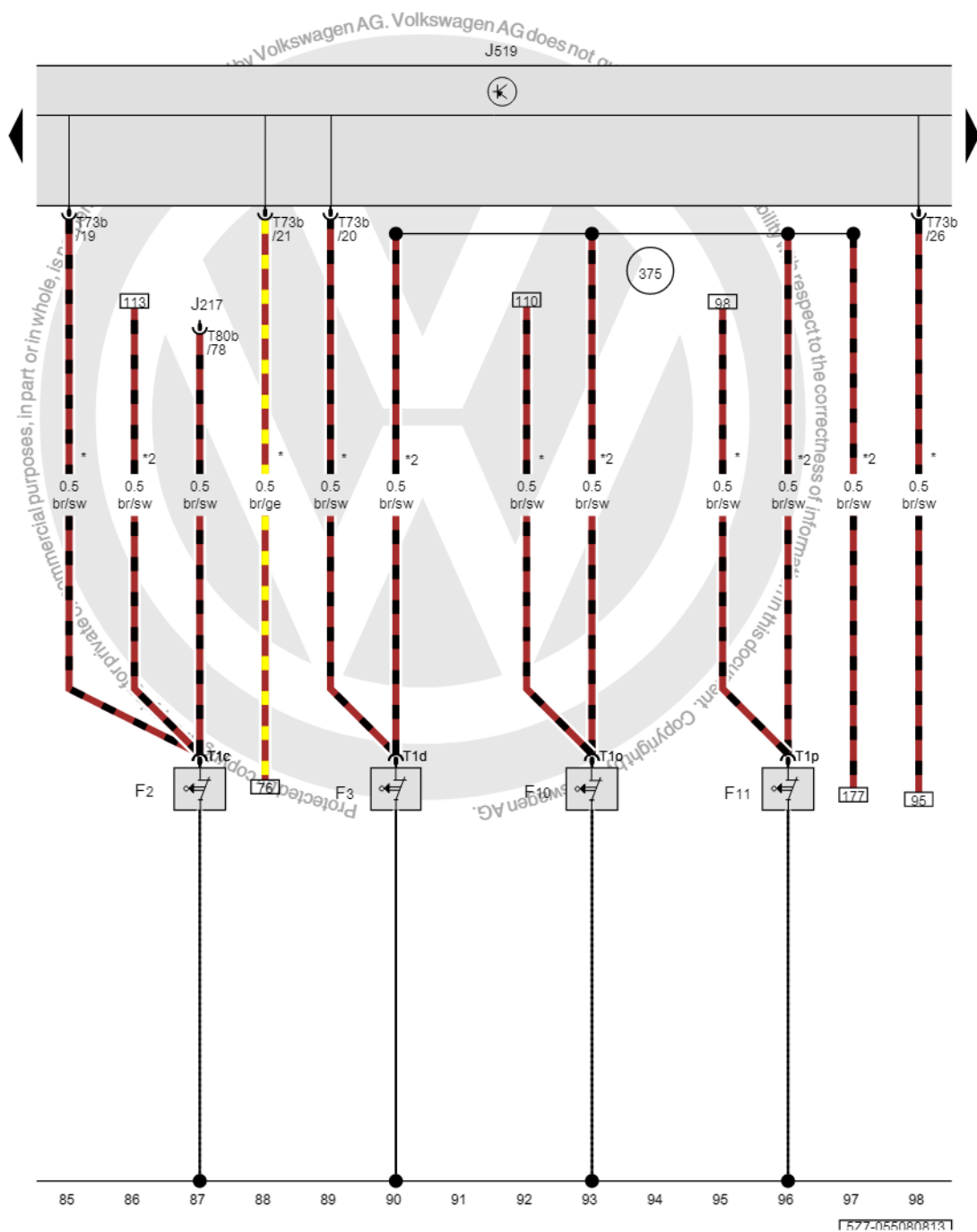
Driver door power latching system contact switch, Onboard supply control unit, Driver door power latching motor, Front passenger door power latching motor, Rear right power latching motor

- F338 Driver door power latching system contact switch
- J519 Onboard supply control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T4k 4-pin connector, in driver door
- T4n 4-pin connector, in front right door
- T6j 6-pin connector
- T21a 21-pin connector, in driver door
- T73b 73-pin connector
- V302 Driver door power latching motor
- V303 Front passenger door power latching motor
- V308 Rear right power latching motor

B465 Connection 1, in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 or = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



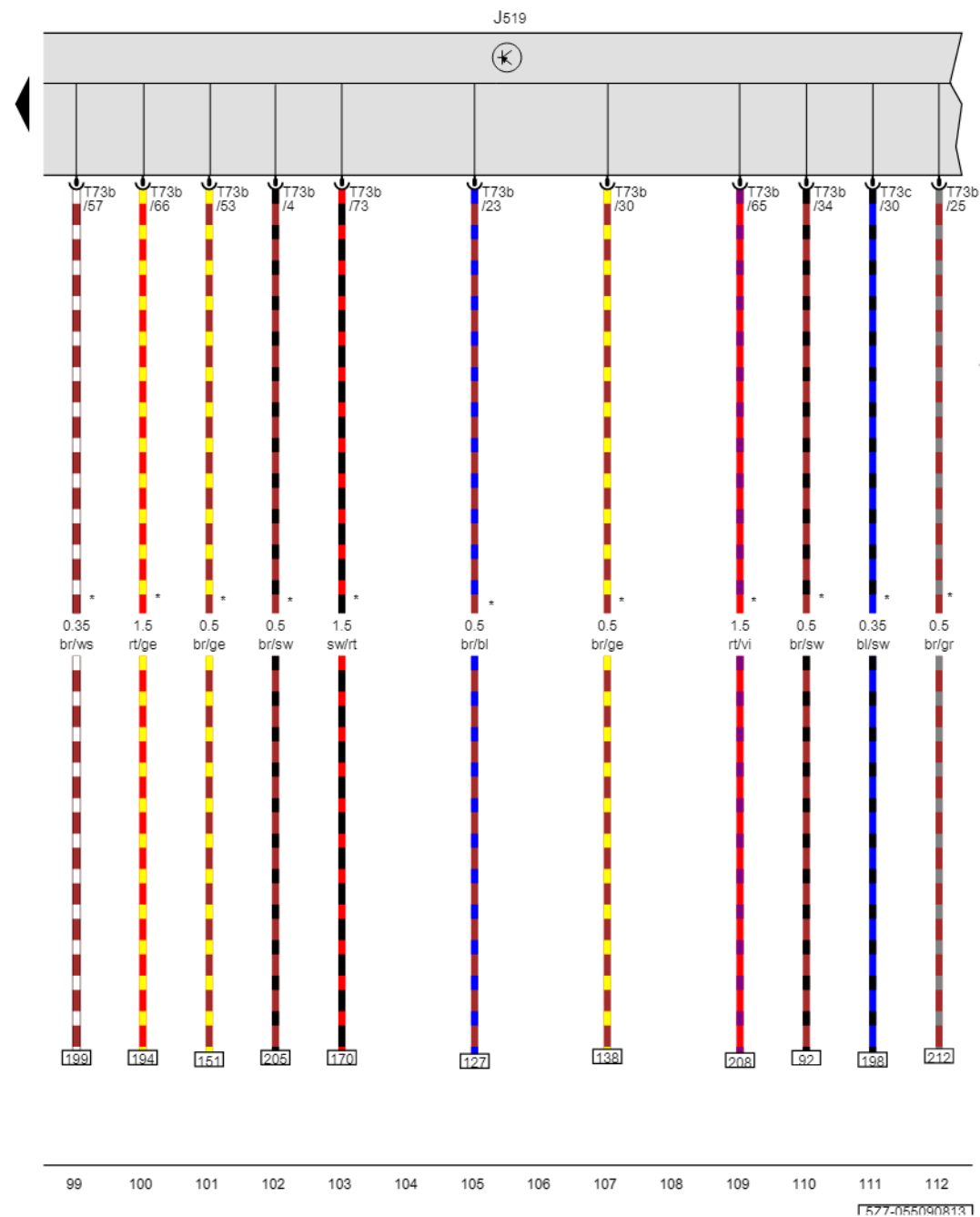
Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Onboard supply control unit

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T1c Single connector
- T1d Single connector
- T1o Single connector
- T1p Single connector
- T73b 73-pin connector
- T80b 80-pin connector

375 Earth connection 10, in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

\* Only models with onboard supply control unit BCM

# Onboard supply control unit

J519 Onboard supply control unit

T73a 73-pin connector

\* Only models with onboard supply control unit BFM

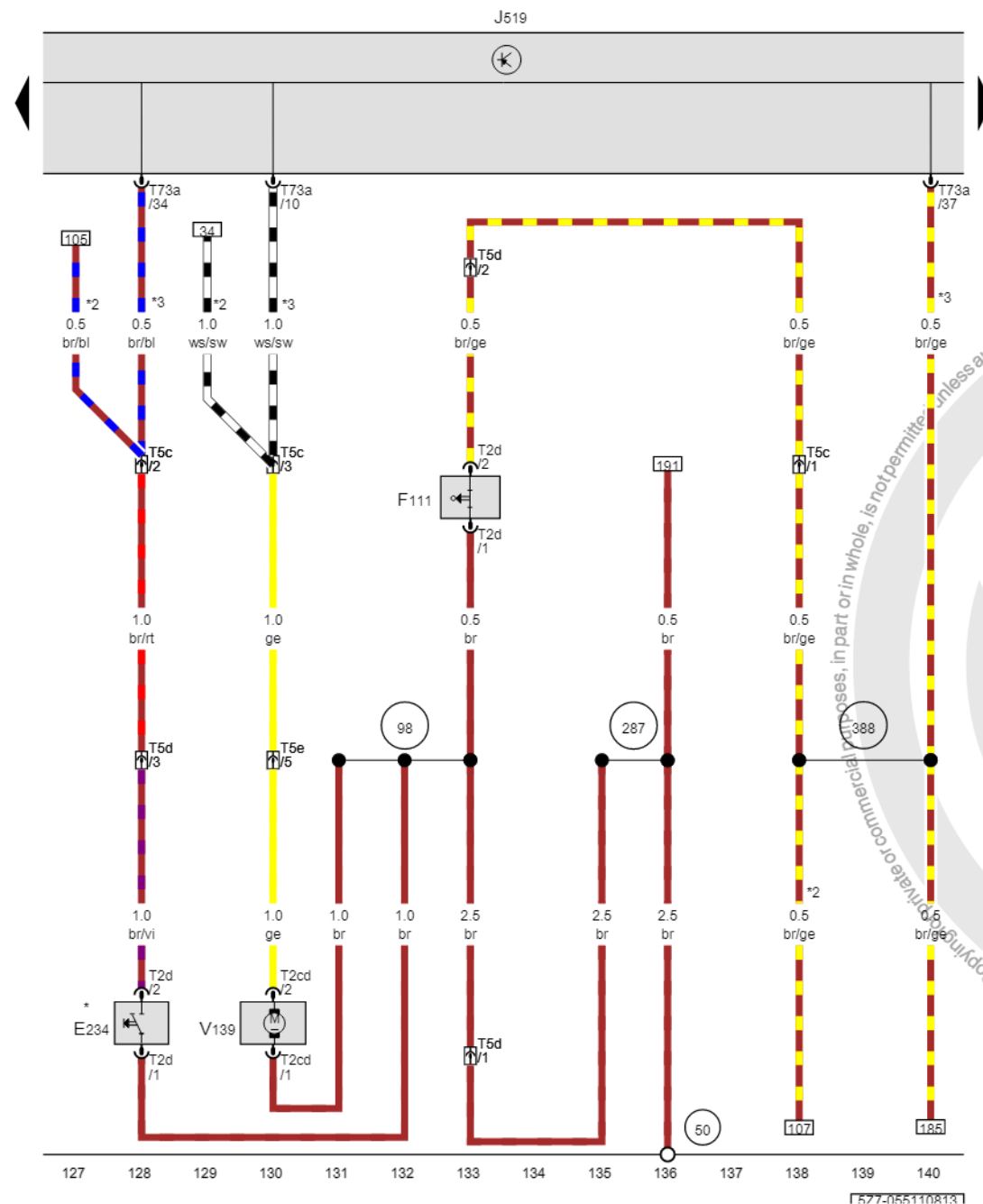


Rear lid handle release button, Rear lid contact switch, Onboard supply control unit, Rear lid release motor

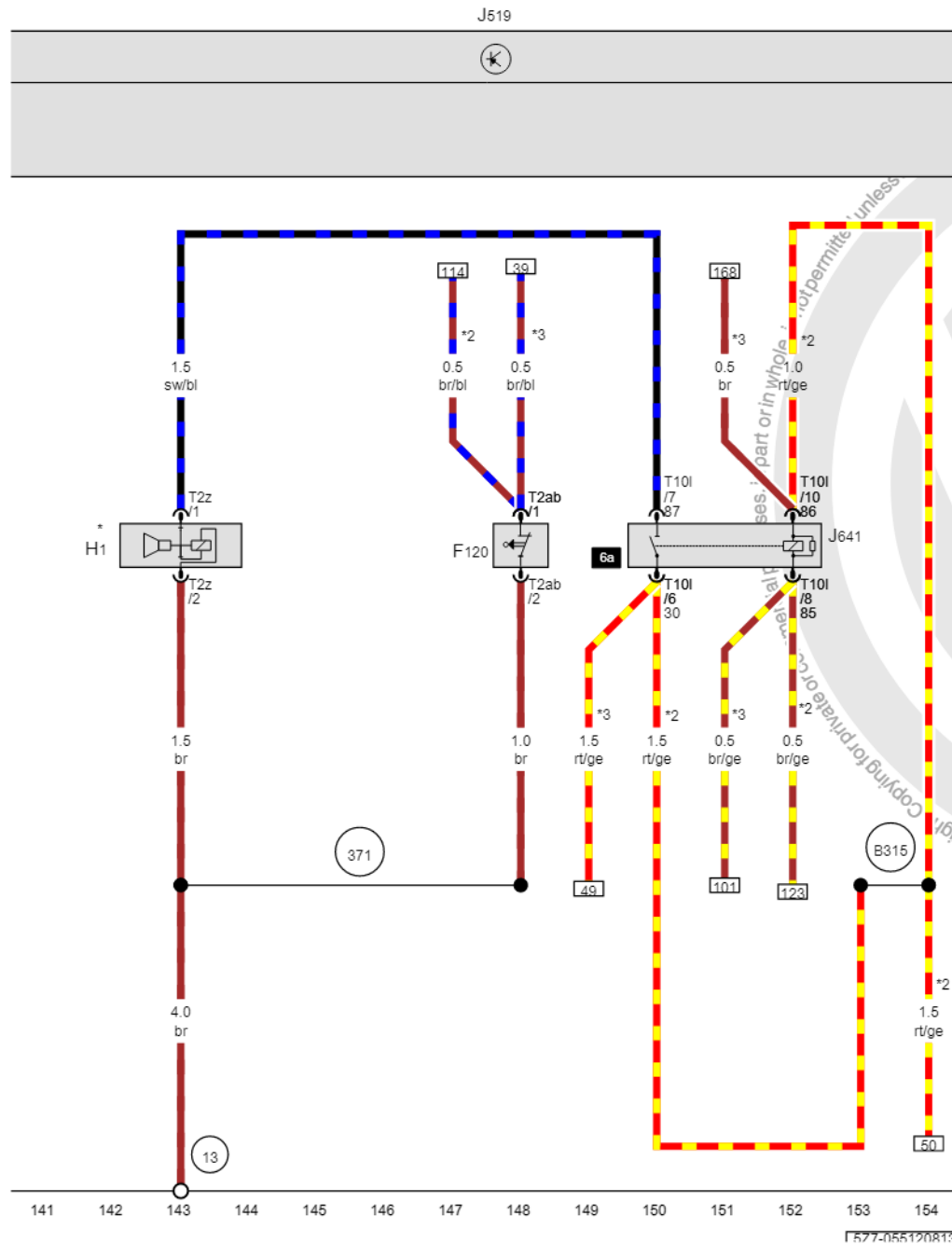
- E234 Rear lid handle release button
- F111 Rear lid contact switch
- J519 Onboard supply control unit
- T2cd 2-pin connector
- T2d 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T5d 5-pin connector, in rear lid, near wiper motor
- T5e 5-pin connector, in rear lid, near wiper motor
- T73a 73-pin connector
- V139 Rear lid release motor

- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 287 Earth connection, in rear lid feeder wiring harness
- 388 Earth connection 23, in main wiring harness
- \* Only models with remote controlled central locking
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Anti-theft alarm and vermin repellent system contact switch, Horn or dual tone horn, Onboard supply control unit, Alarm horn relay



- F120 Anti-theft alarm and vermin repellent system contact switch
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- J641 Alarm horn relay
- T2ab 2-pin connector
- T2z 2-pin connector
- T10l 10-pin connector

13 Earth point, on right in engine compartment

371 Earth connection 6, in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

\* For models with anti-theft alarm system

\*2 Only models with onboard supply control unit BFM

\*3 Only models with onboard supply control unit BCM

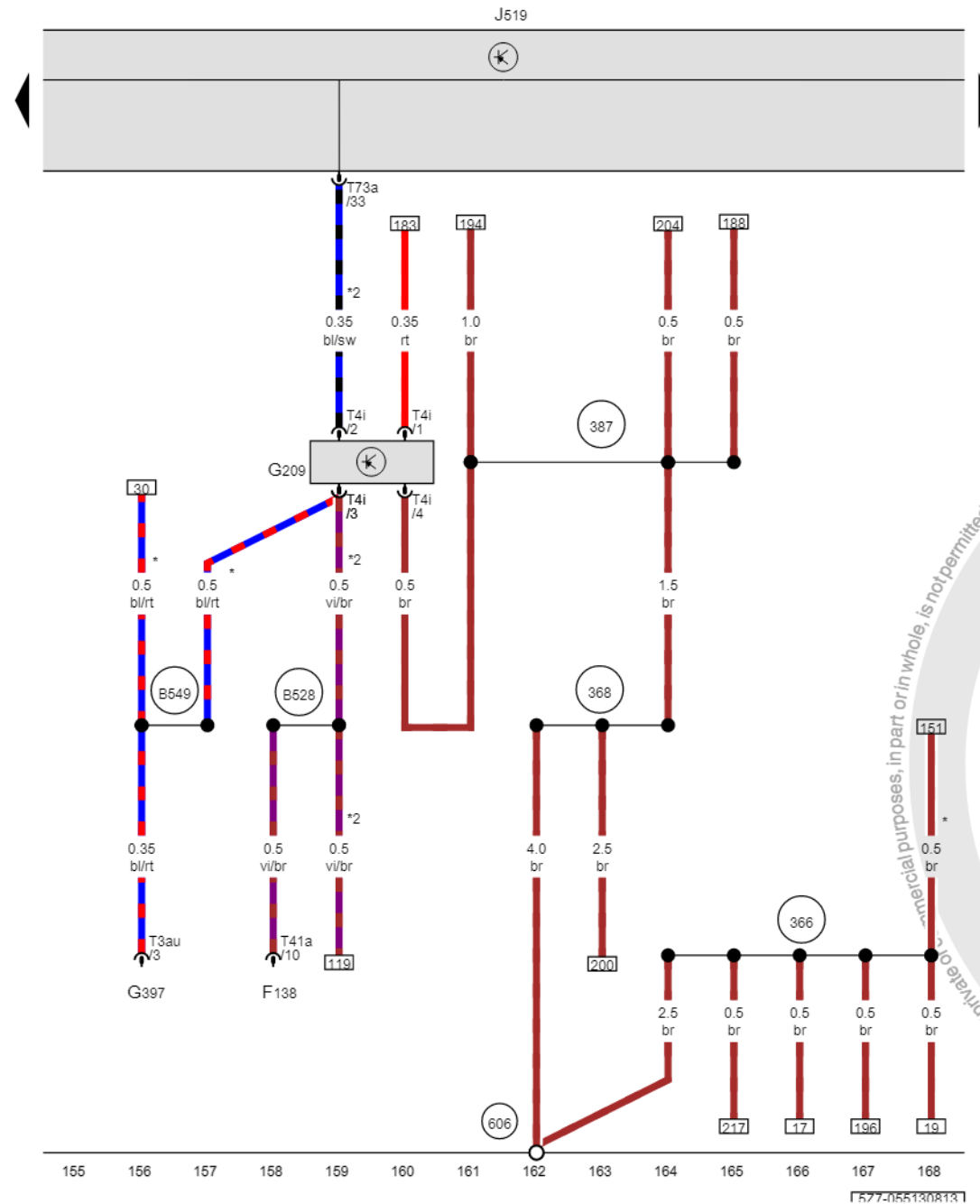
ws = white  
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 ro = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Anti-theft alarm ultrasonic sensor, Onboard supply control unit

- F138 Airbag coil connector and return ring with slip ring
- G209 Anti-theft alarm ultrasonic sensor
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3au 3-pin connector
- T4i 4-pin connector
- T41a 41-pin connector
- T73a 73-pin connector

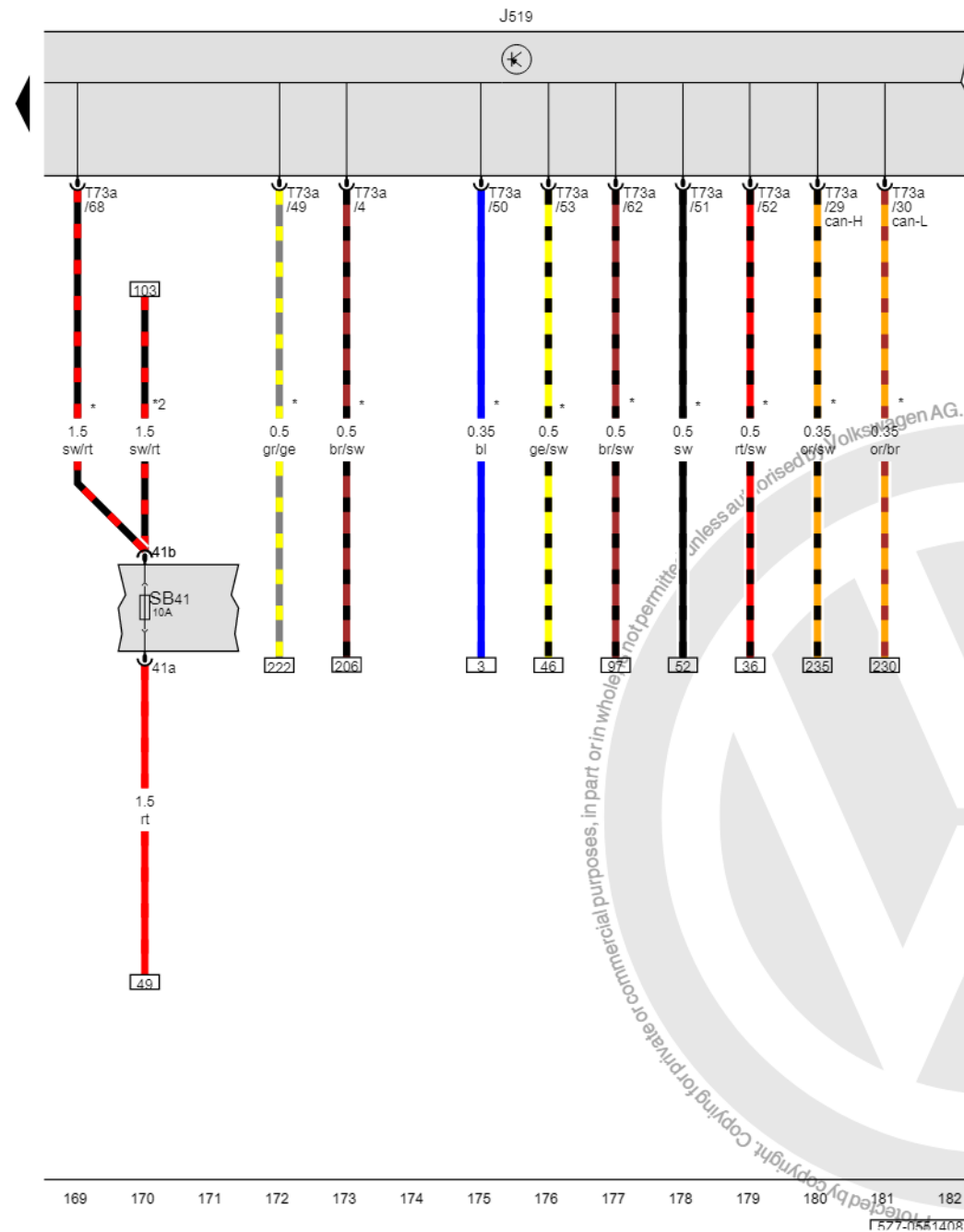
- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B528 Connection 1 (LIN bus) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



# Onboard supply control unit

- J519 Onboard supply control unit
- SB41 Fuse 41 on fuse holder B
- T73a 73-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- vi = purple
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- or = orange
- rs = pink



Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Luggage compartment light, Rear left reading light, Rear right reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

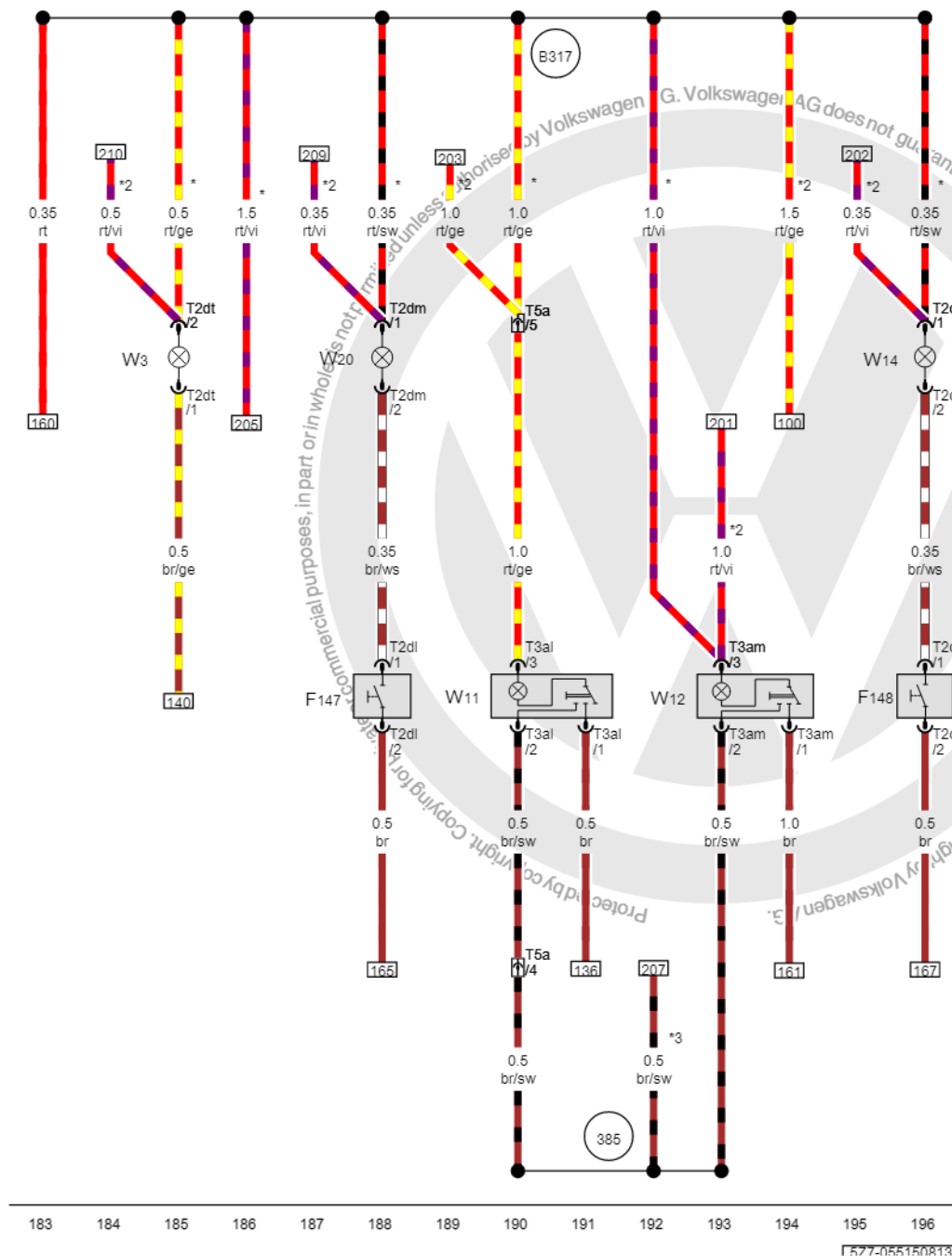
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2dn 2-pin connector
- T2do 2-pin connector
- T2dt 2-pin connector
- T3al 3-pin connector
- T3am 3-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- W3 Luggage compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

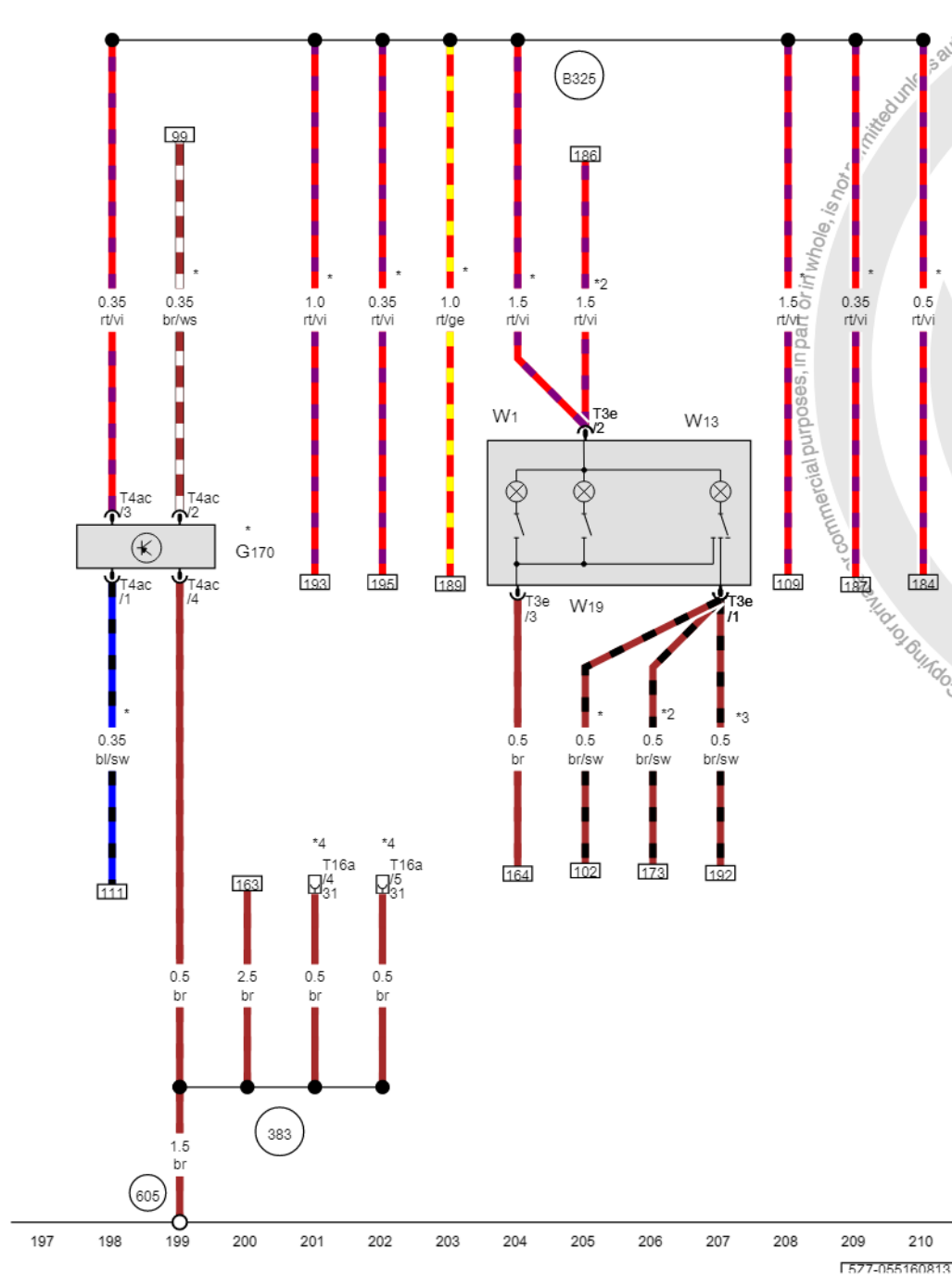
385 Earth connection 20, in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with rear reading lights

ws = white  
sw = black  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





Left ultrasonic sensor for anti-theft alarm system, Front interior light, Front passenger reading light, Driver side reading light

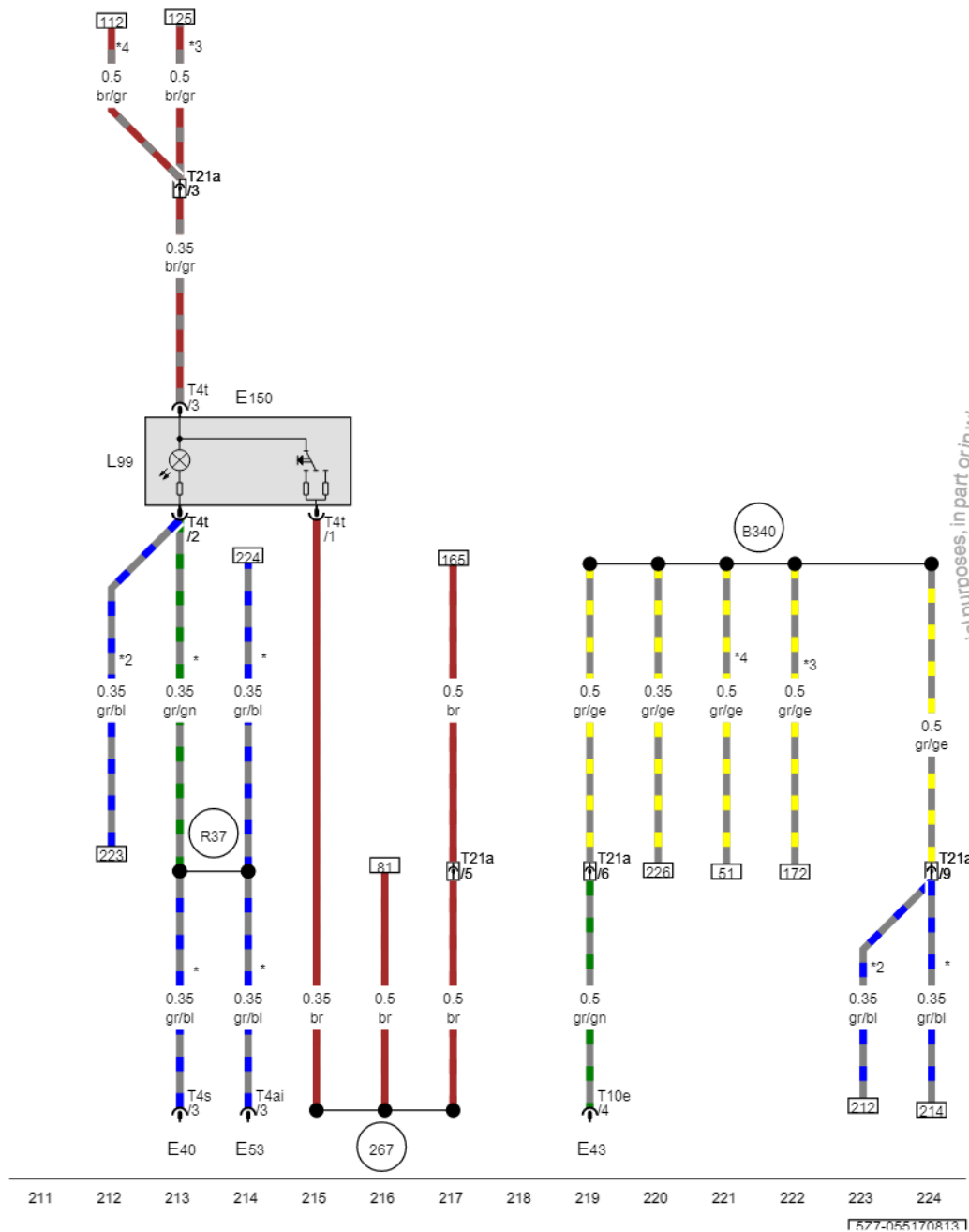
- G170 Left ultrasonic sensor for anti-theft alarm system
- T3e 3-pin connector
- T4ac 4-pin connector
- T16a 16-pin connector
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B325 Positive connection 11 (30a) in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with rear reading lights
- \*4 Diagnostic connection

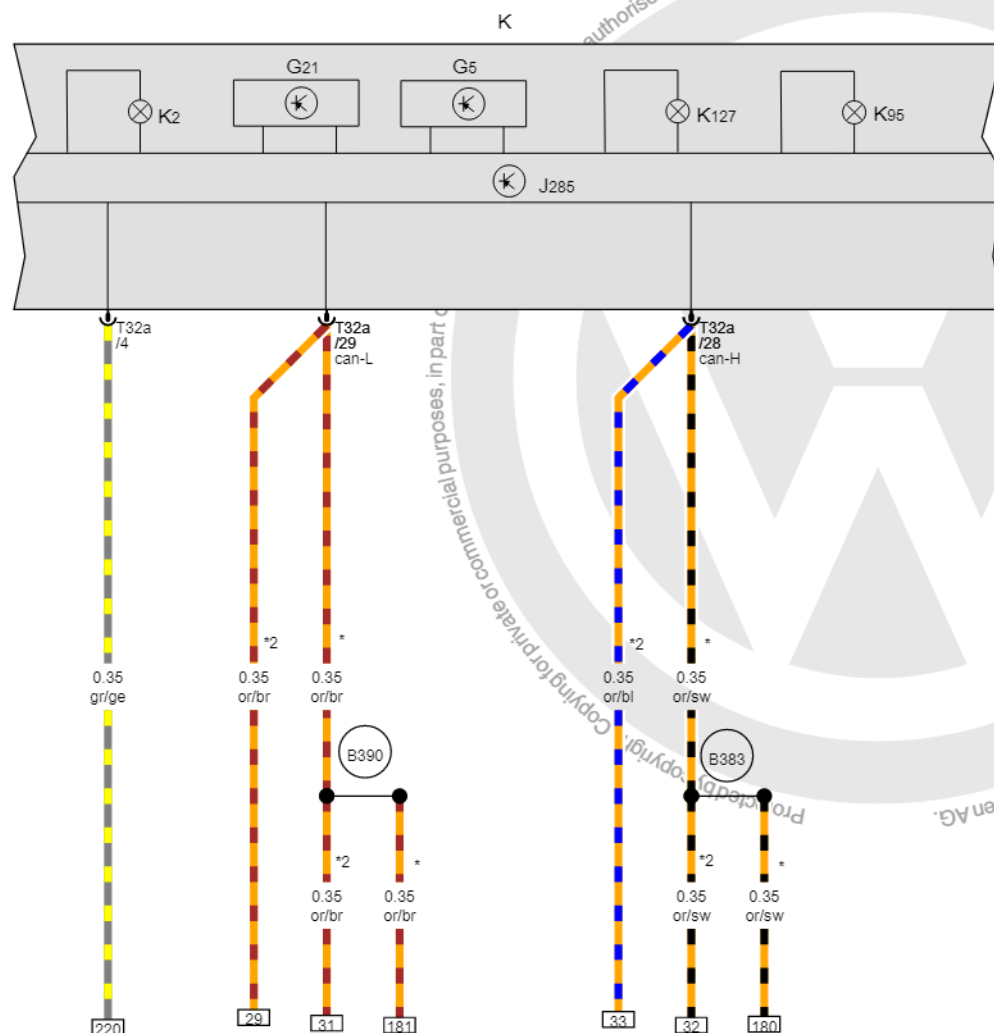
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Driver side interior locking switch, Interior lock switch illumination bulb

- E40 Front left window regulator switch
- E43 Mirror adjustment switch
- E53 Rear left window regulator switch, in driver door
- E150 Driver side interior locking switch
- L99 Interior lock switch illumination bulb
- T4ai 4-pin connector
- T4s 4-pin connector
- T4t 4-pin connector
- T10e 10-pin connector
- T21a 21-pin connector, in driver door
- 267 Earth connection 2, in drive side door wiring harness
- B340 Connection 1 (58d), in main wiring harness
- R37 Connection 1 (window regulator), in driver door wiring harness
- \* Only models with electric window regulators
- \*2 Only models with manual window regulators
- \*3 Only models with onboard supply control unit BFM
- \*4 Only models with onboard supply control unit BCM



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Alarm system warning lamp, Rear lid open warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K95 Alarm system warning lamp
- K127 Rear lid open warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

- ws = white
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225 226 227 228 229 230 231 232 233 234 235 236 237 238

1577-055180813

## Automatic anti-dazzle interior mirror

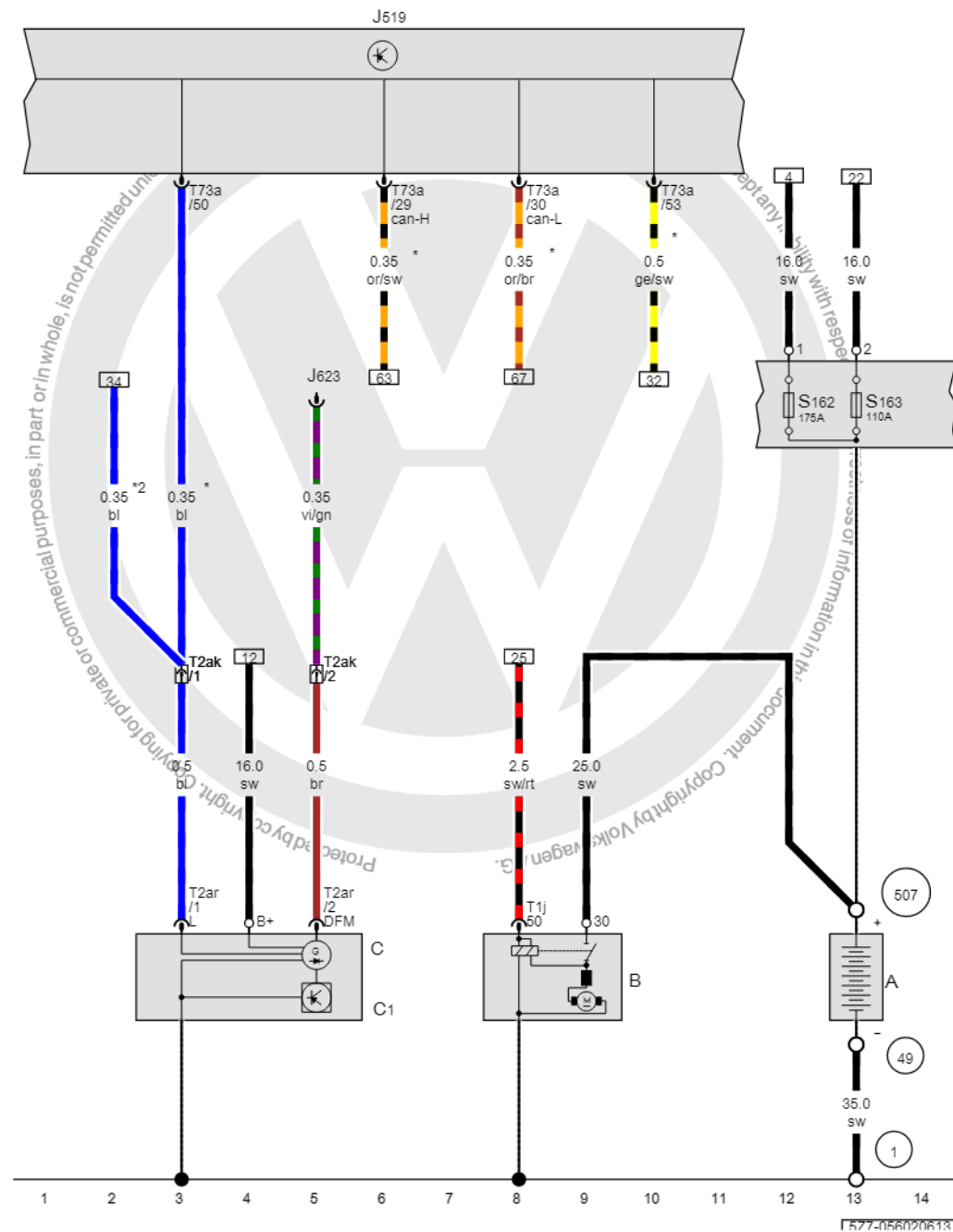
From April 2013



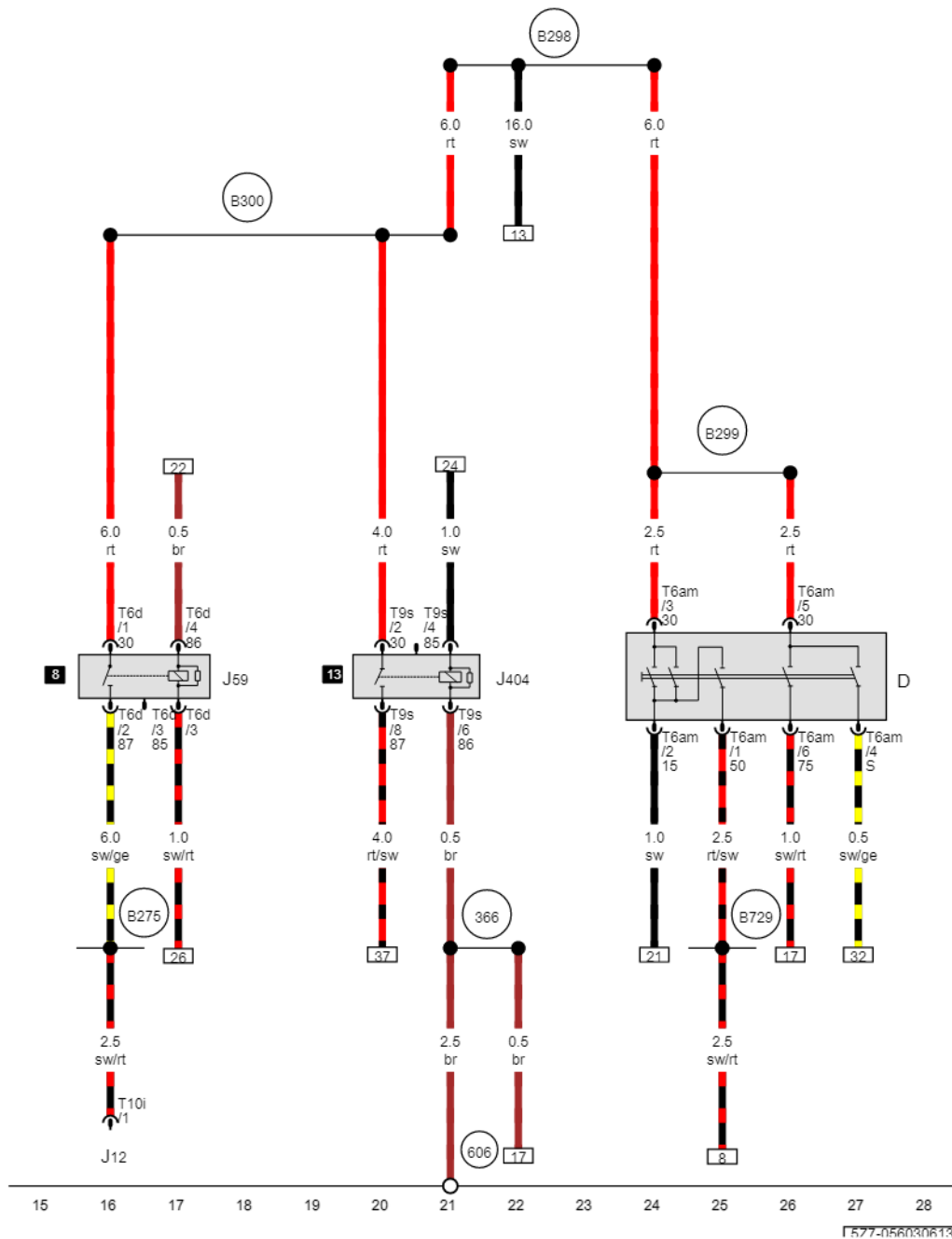
Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay



- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

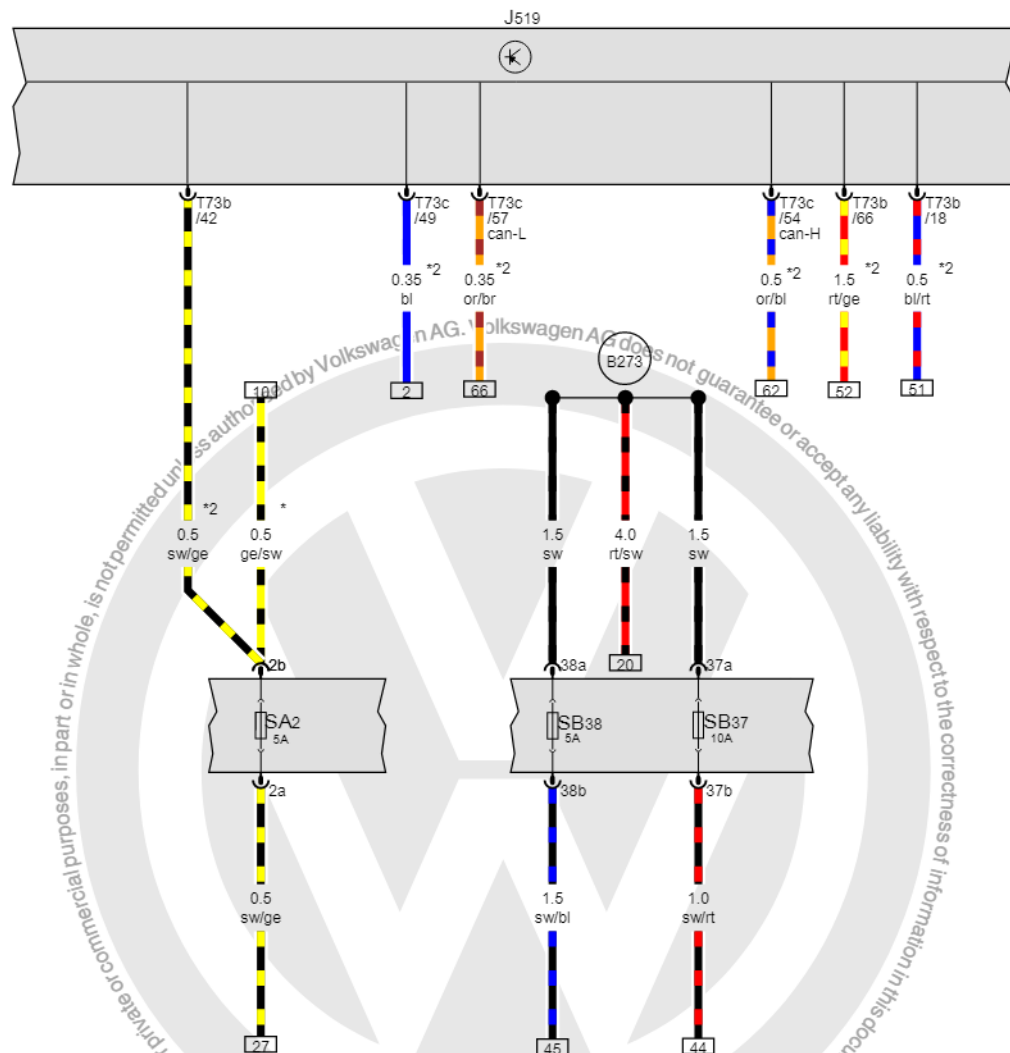
- ws = white
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- rs = pink

# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

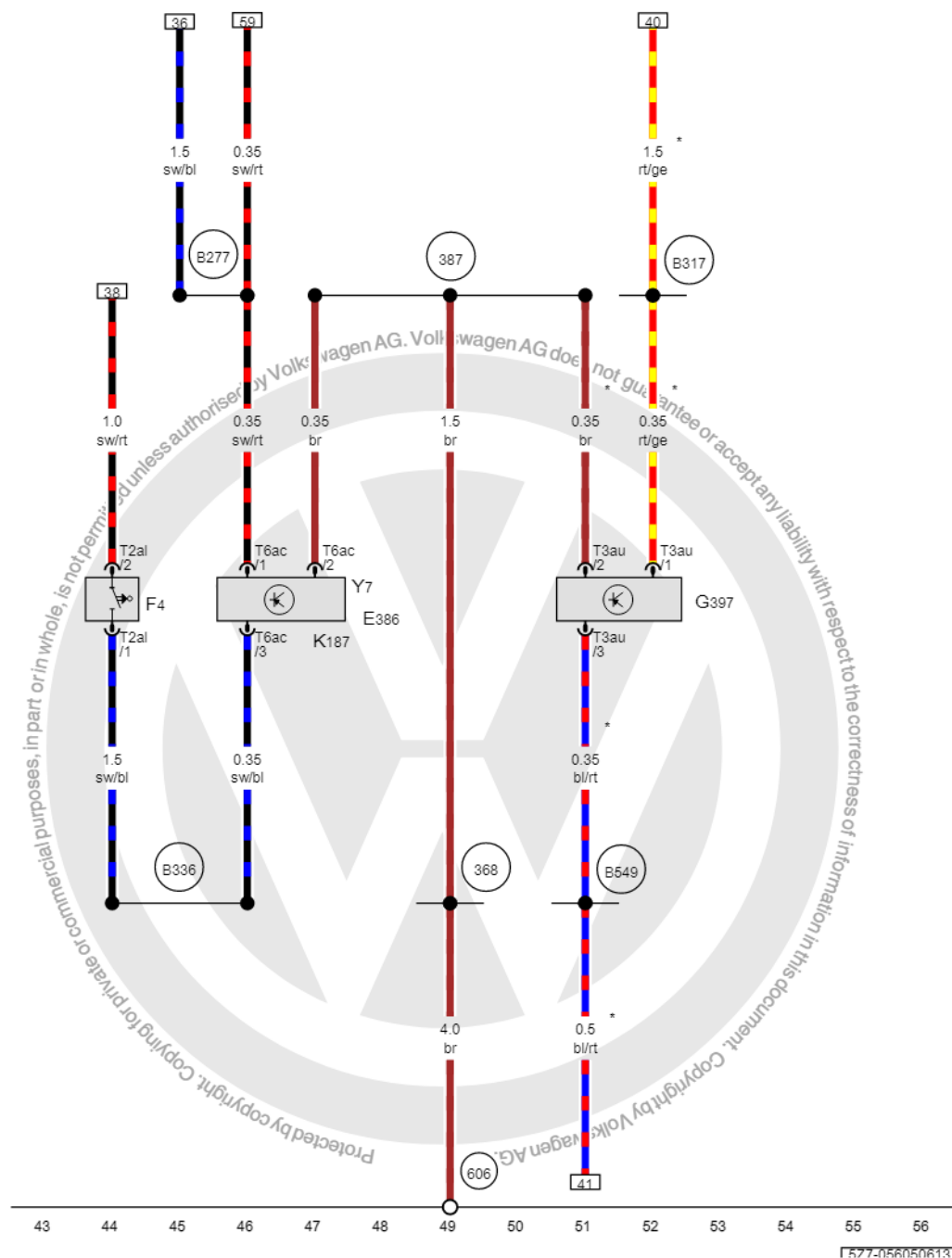
B273 Positive connection (15), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



- ws = white
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- rs = pink





Anti-dazzle interior mirror button, Reversing light switch, Rain and light sensor, Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F4 Reversing light switch
- G397 Rain and light sensor
- K187 Anti-dazzle interior mirror warming lamp
- T2al 2-pin connector
- T3au 3-pin connector
- T6ac 6-pin connector
- Y7 Automatic anti-dazzle interior mirror

- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B277 Positive connection 1 (15a) in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BCM

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

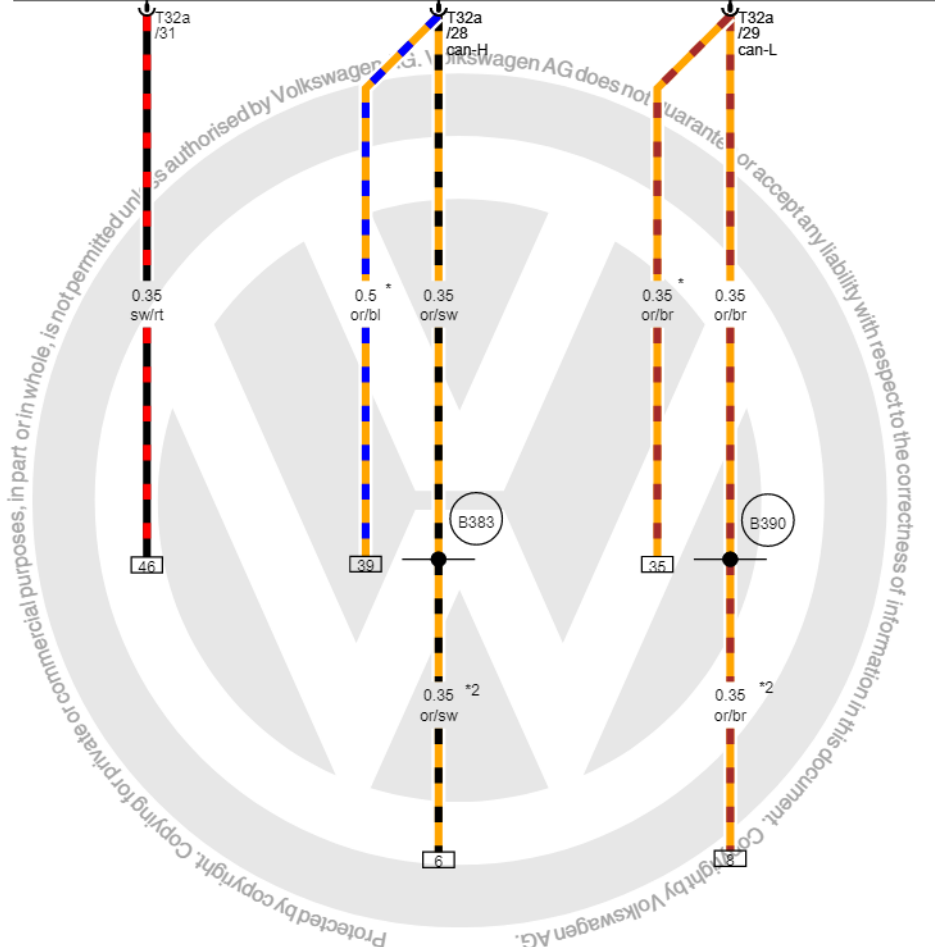
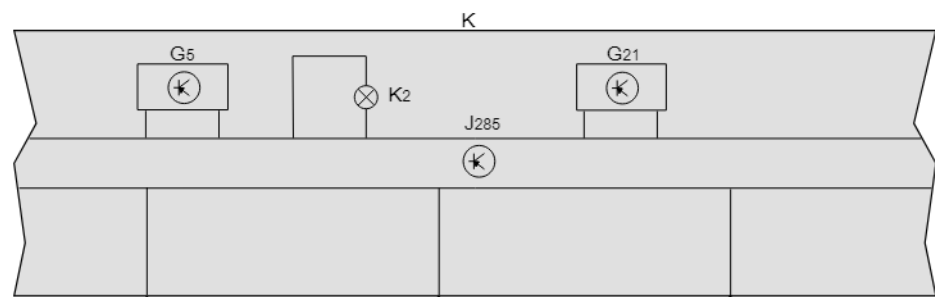
Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

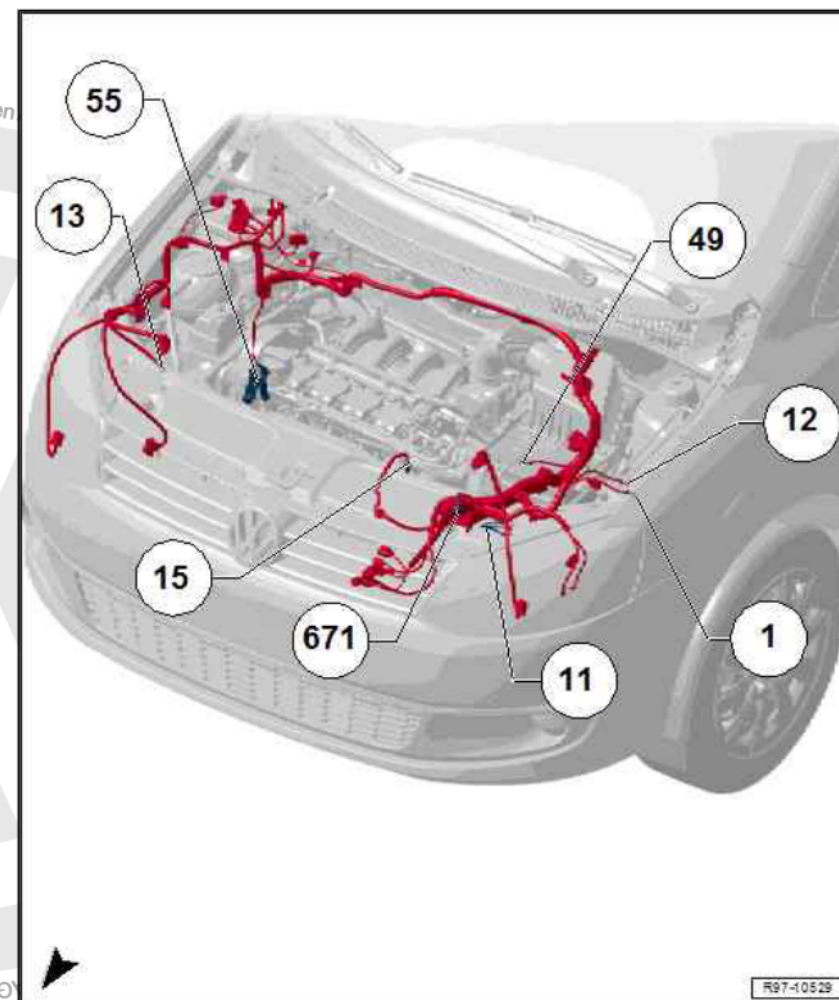


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- rs = pink

# 1 Earth points

## 1.1 Engine compartment earth points

- 1 - Ground cable, battery-body
- 11 - Battery housing earth points
- 12 - Engine comp. left earth points
- 13 - Engine comp. right earth points
- 15 - Head earth points
- 49 - Earth points, next to the battery
- 55 - Earth points next to the ABS control unit
- 671 - Earth point 1 on the front left side member



## 1.2 Vehicle interior earth points

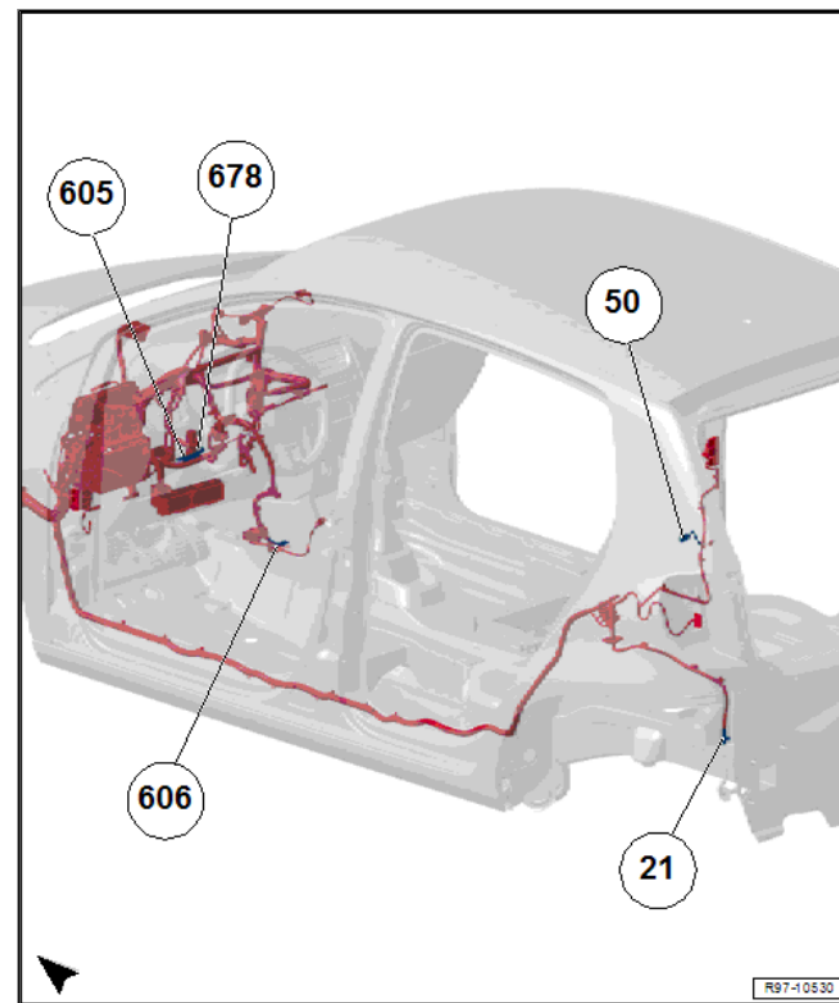
21 - Earth points next to the fuel pump

50 - Left boot earth points

605 - Earth point on the upper steering column region

606 - Earth point under the central console, next to the selector lever

678 - Steering wheel earth point



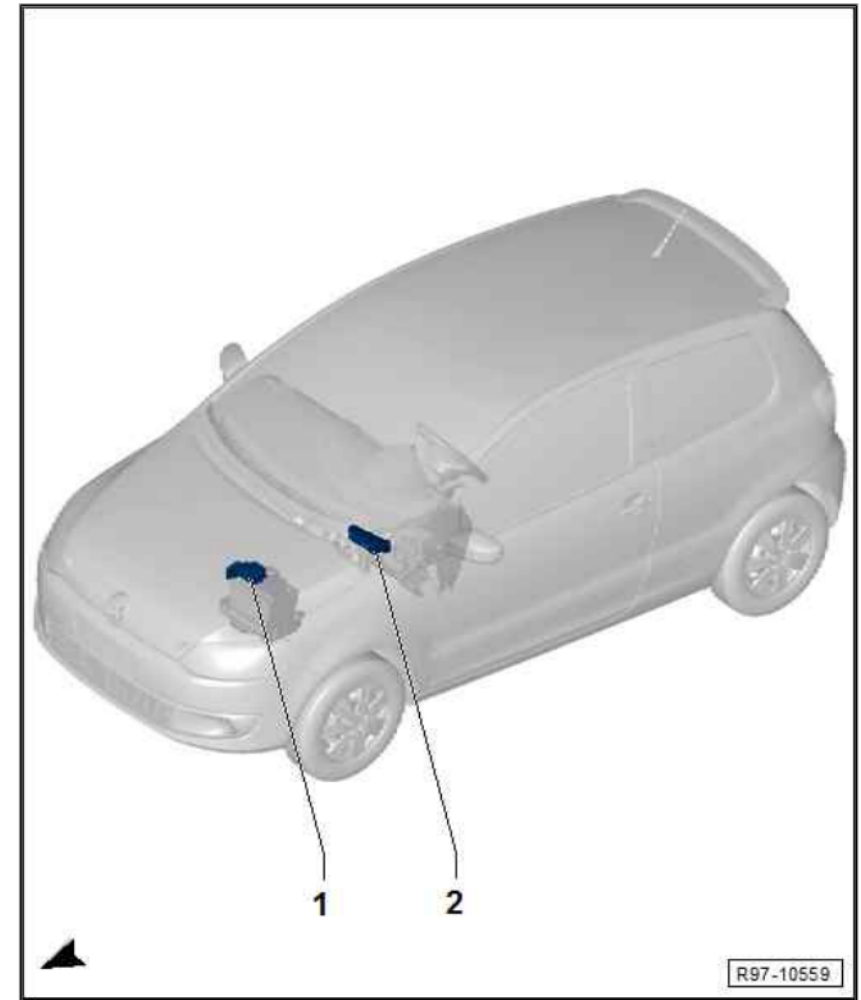
## 1 Fuse Locations

### 1 - Battery fuse holder -S-

- ☐ Fitting Location [⇒ page 2](#)
- ☐ Battery fuse holder -S- as of April, 2013 [⇒ page 2](#)

### 2 - -SA- and -SB- Fuse holder

- ☐ Fitting Location [⇒ page 3](#)
- ☐ Fuse holder -SA- [⇒ page 4](#)
- ☐ Fuse holder -SB- [⇒ page 6](#)



### 1.1 Battery fuse holder -S-, as of April, 2013

# 1 - Fuse Holder S

Fuse cable colours:

175 A - black

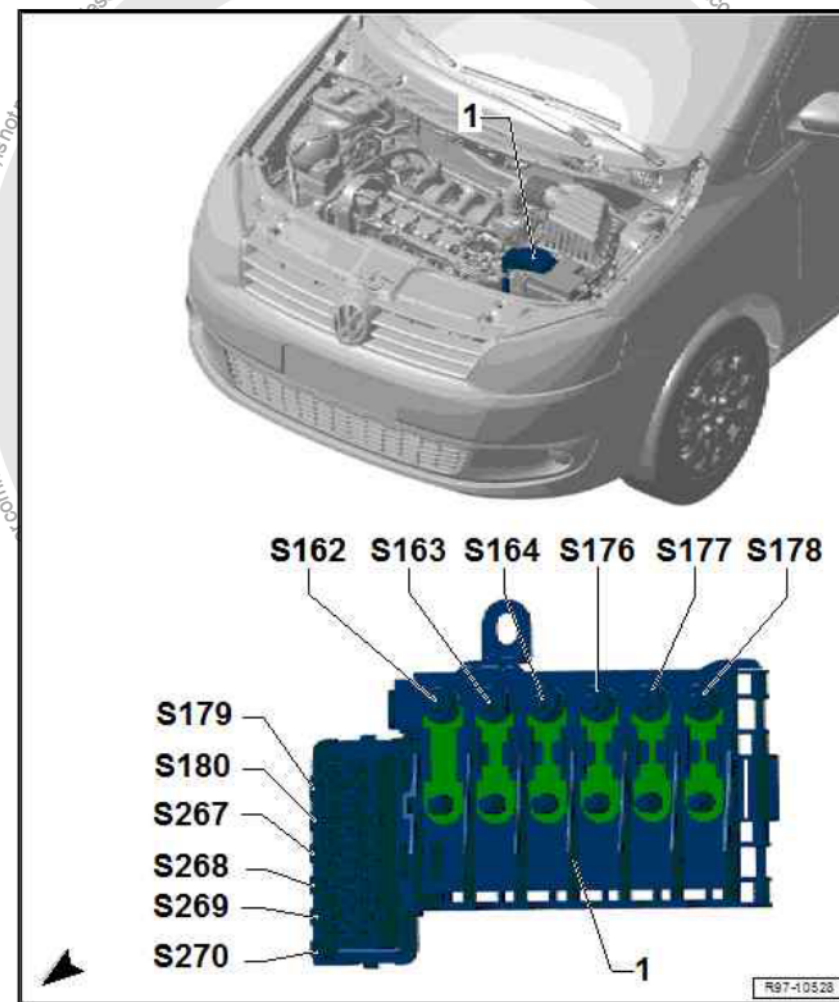
110 A - black

40 A - black / red and purple

30 A - red and purple

25 A - red and green

5 A - red / red and black



## 1.1.1 Battery fuse holder -S-

SL P	Assignment No.	Current	Function / Component	Terminal
---------	----------------	---------	----------------------	----------

1	-	Fuse 1 (30) of the battery fuse holder -S162-	175 A	-	Generator (Alternator) -C- Voltage regulator -C1-	30
2	-	Fuse 2 (30) of the battery fuse holder -S163-	110A	-	Cable connections for terminal 30 -TV2-	30
3	-	Fuse 3 (30) of the battery fuse holder -S164-	40 A	-	Radiator fan's 2nd speed relay -J101-	30
4	-	Fuse 4 (30) of the battery fuse holder -S176-	50 A	-	Electric-power steering wheel motor -V235-	30a
5	-	Fuse 5 (30) of the battery fuse holder -S177-	40 A	-	ABS control unit -J104-	30a
6	-	Fuse 6 (30) of the battery fuse holder -S178-	-	-	Empty	-
7	-	Fuse 7 (30) of the battery fuse holder -S179-	30 A	-	Gearbox hydraulic pump -V387-	30a
8	-	Fuse 8 (30) of the battery fuse holder -S180-	10 A	-	Automatic gearbox control unit -J217-	30a
9	-	Fuse 9 (30) of the battery fuse holder -S267-	5 A	-	Onboard network control unit -J519-	30a
10	-	Fuse 10 (30) of the battery fuse holder -S268-	-	-	Empty	-
11	-	Fuse 11 (30) of the battery fuse holder -S269-	30 A	-	Radiator fan and natural air fan relay -J209-	30a
12	-	Fuse 12 (30) of the battery fuse holder -S270-	25 A	-	ABS control unit -J104-	30a

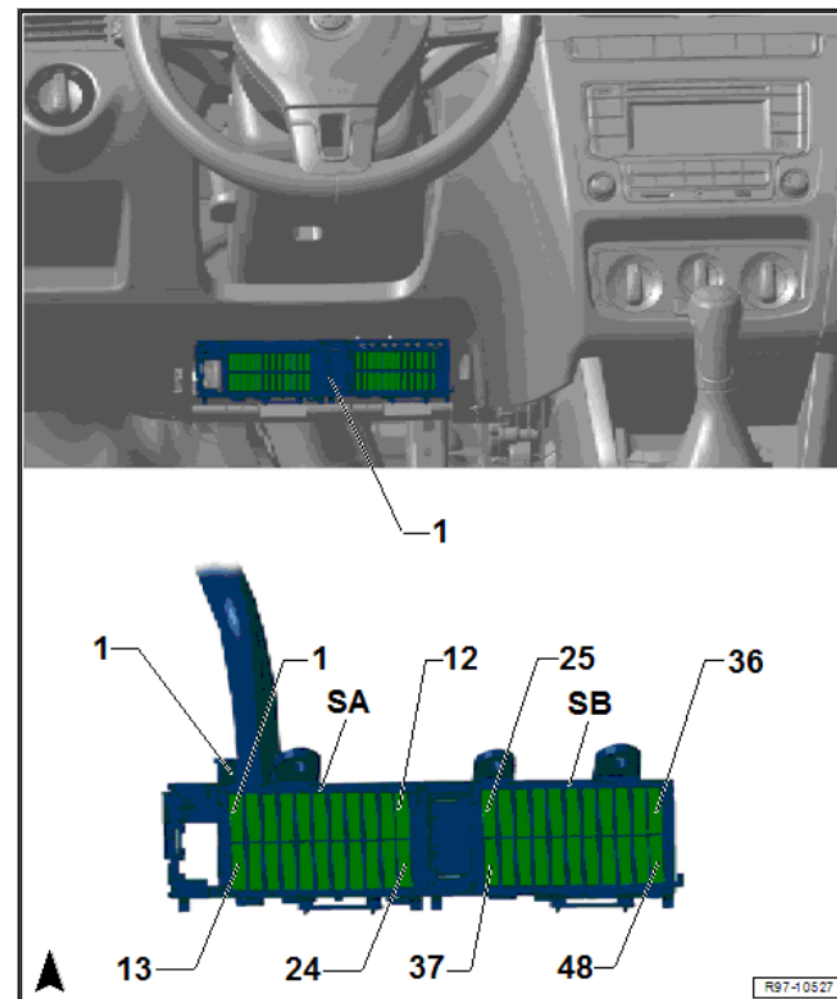
## 1.2 Battery fuse holder -SA- and -SB, as of April, 2013

1 - SA and SB fuse holder

Fuse colours:



- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige



### 1.2.1 Fuse holder -SA-

SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 of fuse holder A -SA1-	15 A	- Onboard network control unit -J519- ♦ Fog lights	30a
			Fog lights switch -E23-	
2	- Fuse 2 of fuse holder A -SA2-	5 A	- Onboard network control unit -J519-	86s



3	-	Fuse 3 of fuse holder A -SA3-	15 A	-	Relay 2 for long-range headlights -J1062-	30a
4	-	Fuse 4 of fuse holder A -SA4-	15 A	-	Alarm horn relay -J641-	30a
5	-	Fuse 5 of fuse holder A -SA5-	20 A	-	Radio -R-	30a
6	-	Fuse 6 of fuse holder A -SA6-	20 A	-	Onboard network control unit -J519- ♦ Rear window defogger	30a
7	-	Fuse 7 of fuse holder A -SA7-	10 A	-	Airbag control unit -J234-	15a
8	-	Fuse 8 of fuse holder A -SA8-	20 A	-	Sunroof movement control unit -J245-	30a
9	-	Fuse 9 of fuse holder A -SA9-	10 A	-	Automatic gearbox control unit -J217-	15a
10	-	Fuse 10 of fuse holder A -SA10-	5 A	-	Electric-hydraulic motor housing control unit -J247-	15a
11	-	Fuse 11 of fuse holder A -SA11-	5 A	-	Fog lights switch -E23-	XR
12	-	Fuse 12 of fuse holder A -SA12-		-	Empty	
13	-	Fuse 13 of fuse holder A -SA13-	5 A	-	Selector lever sensors control unit -J587-	30a
14	-	Fuse 14 of fuse holder A -SA14-	5 A	-	External side mirror folding control unit -J351-	15a
15	-	Fuse 15 of fuse holder A -SA15-	25 A	-	Air conditioning system cut-off relay -J365- Power output 2 - 12V -U18-	30a
16	-	Fuse 16 of fuse holder A -SA16-	25 A	-	Onboard network control unit -J519- ♦ Central locking system	30a
17	-	Fuse 17 of fuse holder A -SA17-	5 A	-	Light switch -E1-	30a
18	-	Fuse 18 of fuse holder A -SA18-	10 A	-	Rear window wiper motor -V12-	XR
19	-	Fuse 19 of fuse holder A -SA19-	5 A	-	Selector lever sensors control unit -J587-	15a
20	-	Fuse 20 of fuse holder A -SA20-	15 A	-	Power output 2 - 12V -U18-	30a
21	-	Fuse 21 of fuse holder A -SA21-	5 A	-	Contact of the airbag coil and return spring with slip ring -F138-	30a
22	-	Fuse 22 of fuse holder A -SA22-	30 A	-	Central control unit for window control -J1015-	30a
23	-	Fuse 23 of fuse holder A -SA23-	15 A <sup>1)</sup> 25 A <sup>2)</sup>	-	Ignition coil 1 w/ final power stage -N70- Ignition coil 2 w/ final power stage -N127- Ignition coil 3 w/ final power stage -N291- Ignition transformer -N152-	87
24	-	Fuse 24 of fuse holder A -SA24-	10 A	-	ABS control unit -J104-	15a



Note

♦ <sup>1)</sup>For CPBA, CFZA and CCRA engines

♦ <sup>2)</sup>Only for CSEA engine

### 1.2.2 Fuse holder -SB-

SL P	Assignment No.	Current	Function / Component	Terminal
25	- Fuse 25 in fuse holder B -SB25-	20 A	- Onboard network control unit -J519- ♦ Brakes	30a
26	- Fuse 26 in fuse holder B -SB26-	10 A	- Windscreen wiper delay relay switch (intermittent operation) -E22-	15a
27	- Fuse 27 in fuse holder B -SB27-	5 A	- Fitting connector, 16-pole, in diagnosis -T16a-	30a
28	- Fuse 28 in fuse holder B -SB28-	5 A	- External side mirror folding control unit -J351- Engine control unit -J623- Voltage input relay 1 -J701- Fuel pump relay -J17-	30a
29	- Fuse 29 in fuse holder B -SB29-	15 A	- Onboard network control unit -J519- ♦ Windscreen washer, wiper	30a
30	- Fuse 30 in fuse holder B -SB30-	15 A	- Engine control unit -J623-	87a
31	- Fuse 31 in fuse holder B -SB31-	5 A	- Onboard network control unit -J519- ♦ Right side lights Rear right lamp -M2- Front right side lamp -M3-	58R
32	- Fuse 32 in fuse holder B -SB32-	5 A	- Onboard network control unit -J519- ♦ License plate License plate light -X- Instrument cluster -K-	58
33	- Fuse 33 in fuse holder B -SB33-	15 A	- Fuel pump (pre-input pump) -G6-	87a
34	- Fuse 34 in fuse holder B -SB34-	10 A	- Spark plugs relay -J52- Heating system control unit -J65-	87
35	- Fuse 35 in fuse holder B -SB35-	15 A	- Sealed left headlight double-filament lamp -L1- Sealed right headlight double-filament lamp -L2-	56aL

				Front left side lamp -M1-	
				Front right side lamp -M3-	
				Instrument cluster -K-	
36	-	Fuse 36 in fuse holder B -SB36-	10 A <sup>1)</sup> 25 A <sup>2)</sup>	- Onboard network control unit -J519- ◆ Left low beam	30a
				Sealed left headlight double-filament lamp -L1-	
37	-	Fuse 37 in fuse holder B -SB37-	10 A	- Reverse gear light switch -F4-	15a
38	-	Fuse 38 in fuse holder B -SB38-	10 A	- Glove compartment light -W6-	15a
				Internal rear-view mirror with automatic anti-glare feature -Y7-	
				Parking assist control unit -J446-	
				Instrument cluster -K-	
39	-	Fuse 39 in fuse holder B -SB39-	10 A	- Right alarm ultrasound sensor -G171-	30a
				Alarm system ultrasound sensor -G209-	
				Rain sensor and photodetector -G397-	
				Onboard network control unit -J519- ◆ Side mirror folding	
				Boot light -W3-	
				Rear left reading light -W11-	
				Rear right reading light -W12-	
				Lighted passenger vanity mirror -W14-	
				Lighted driver vanity mirror -W20-	
40	-	Fuse 40 in fuse holder B -SB40-	10 A	- Onboard network control unit -J519-	30a
41	-	Fuse 41 in fuse holder B -SB41-	10 A	- Onboard network control unit -J519- ◆ Horn	30a
42	-	Fuse 42 in fuse holder B -SB42-	25 A	- Natural air fan switch -E9-	XR
				Air conditioning control unit -J301-	
43	-	Fuse 43 in fuse holder B -SB43-	5 A	- Front left side lamp -M1-	58L
				Rear left lamp -M4-	
				Onboard network control unit -J519- ◆ Left side lights	
44	-	Fuse 44 in fuse holder B -SB44-	10 A	- Clutch pedal switch -F36-	87a
				Brake pedal switch -F47-	
				Cold start valve -N17-	

45	-	Fuse 45 in fuse holder B -SB45-	10 A	-	Lambda Probe -G39-	87a
				-	Lambda Probe after the catalytic converter -G130-	
				-	Magnetic valve 1 for the activated charcoal reservoir -N80-	
46	-	Fuse 46 in fuse holder B -SB46-		-	Empty	
47	-	Fuse 47 in fuse holder B -SB47-	10 A <sup>1)</sup> 25 A <sup>2)</sup>	-	Onboard network control unit -J519- ♦ Right low beam	30a
				-	Sealed right headlight double-filament lamp -L2-	
48	-	Fuse 48 in fuse holder B -SB48-	15 A <sup>3)</sup> 25 A <sup>4)</sup>	-	Headlights relay -J12-	XR
				-	Relief relay for contact X -J59-	
				-	Fog lights switch -E23-	



## Note

- ♦ <sup>1)</sup> Only for vehicles equipped with BFM
- ♦ <sup>2)</sup> Only for vehicles equipped with BCM
- ♦ <sup>3)</sup> Only for vehicles equipped with 12V power outlet
- ♦ <sup>4)</sup> Only for vehicles equipped with lighters

## 1 Relays

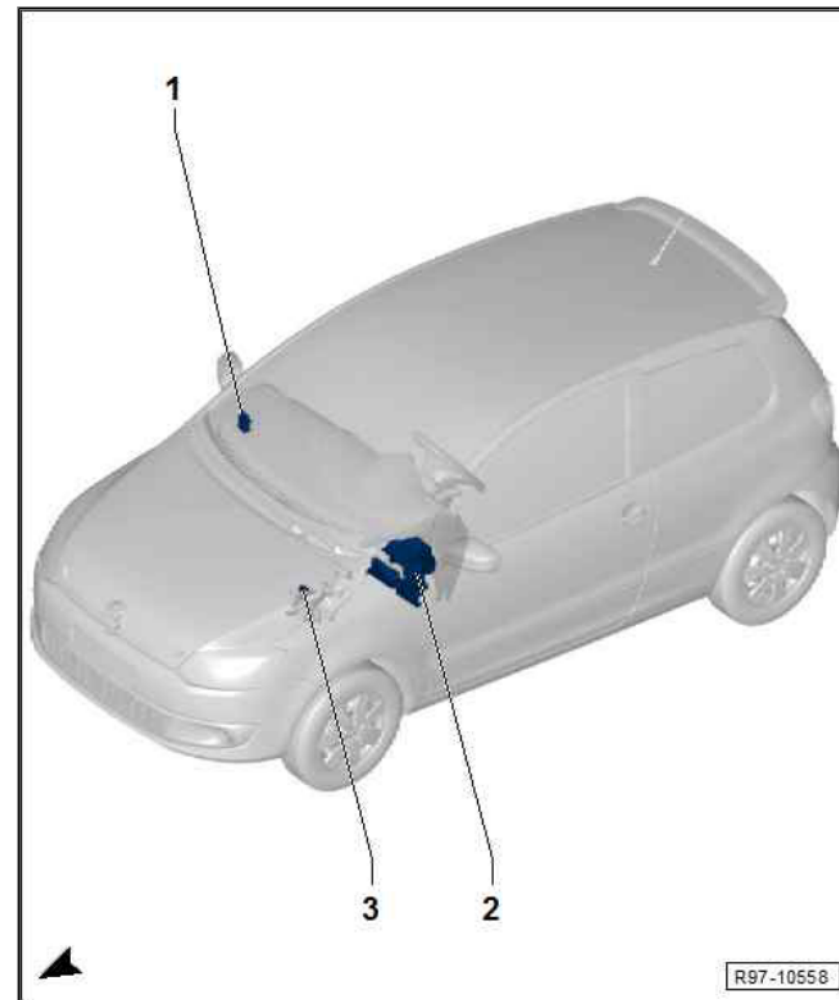
1 - Relay to the right of the dashboard, behind the glove compartment:

- ☐ Relay descriptions, as of April 2013: [⇒ page 2](#)

2 - Relay to the left, behind the dashboard:

- ☐ Relay description, as of April 2013: [⇒ page 3](#)

3 - Empty

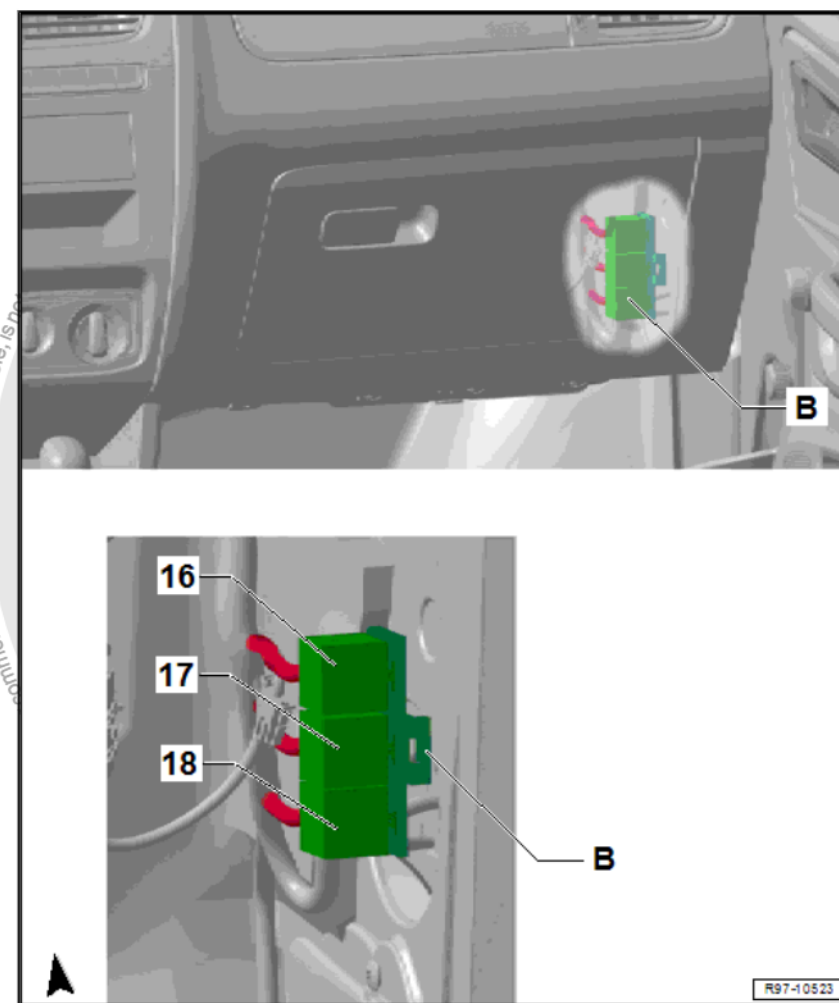


1.1 Relay to the right of the dashboard, behind the glove compartment

1.1.1 Relay descriptions, as of April 2013:

17 - Starter relay 2 -J695-

□ Colour: Black



1.2 Relay to the left, behind the dashboard

1.2.1 Relay descriptions, as of April 2013:

1a - Air conditioning system cut-off relay -J365-

❑ Colour: Gray

1b - Relief relay 2 of contact X -J339-

❑ Colour: Black

2 - Starter relay -J53-

❑ Colour: Black

3 - External side mirror folding control unit -J351-

❑ Colour: Black

4 - External side mirror folding control unit -J351-

❑ Colour: Black

5 - Voltage input relay 1 -J701-

❑ Colour: Gray

6a - Alarm horn relay -J641-

❑ Colour: Gray

6b - Relay 2 for long-range headlights -J1062-

❑ Colour: Black

7 - Gearbox hydraulic pump relay -J510-

❑ Colour: Light-green

8 - Relief relay for contact X -J59-

❑ Colour: Light-green

9 - Radiator fan and natural air fan relay -J209-

❑ Colour: Black

10 - Radiator fan's 2nd speed relay -J101-

❑ Colour: Black

11 - Fuel pump relay -J17-

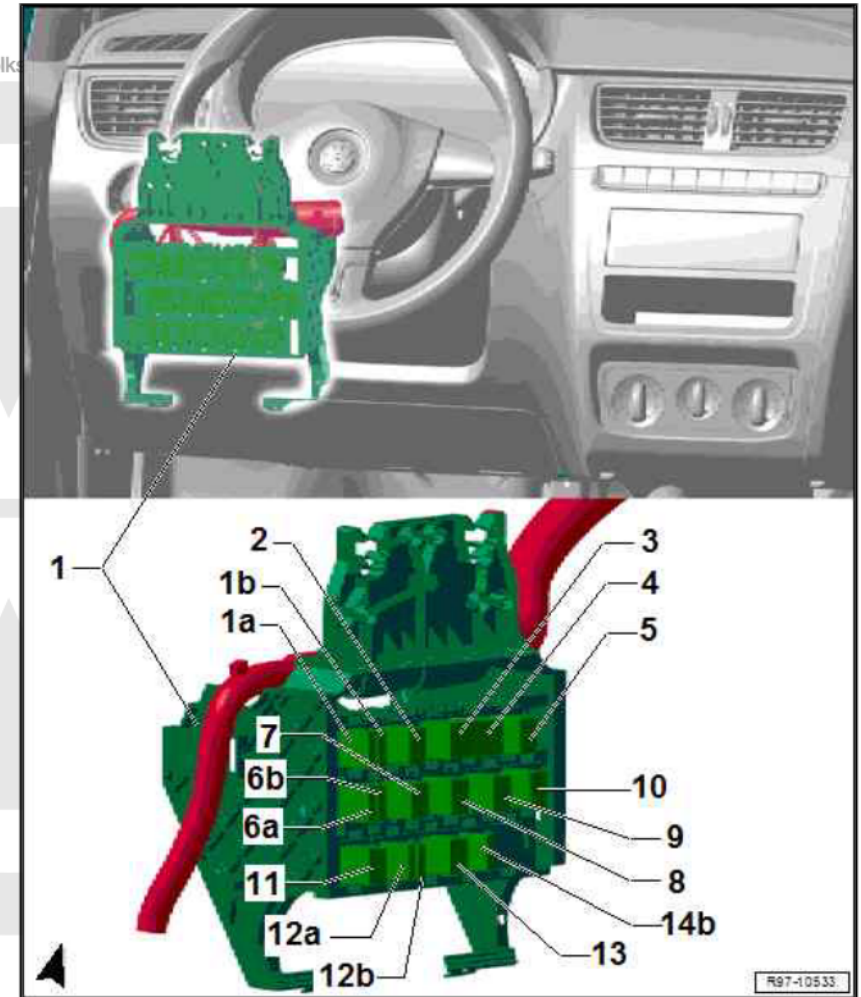
❑ Colour: Black

12a - Cold start device relay -J41-

❑ Colour: Gray

12b - Fog lights relay -J5-

❑ Colour: Black



13 - Relief relay of terminal 15 -J404-

☐ Colour: Black

14b - Headlights relay -J12-

☐ Colour: Gray





## 1 Control units

1 - ABS control unit -J104-

❑ Fitting Location: ⇒ [page 2](#)

2 - Automatic gearbox control unit -J217-

❑ Fitting Location: ⇒ [page 4](#)

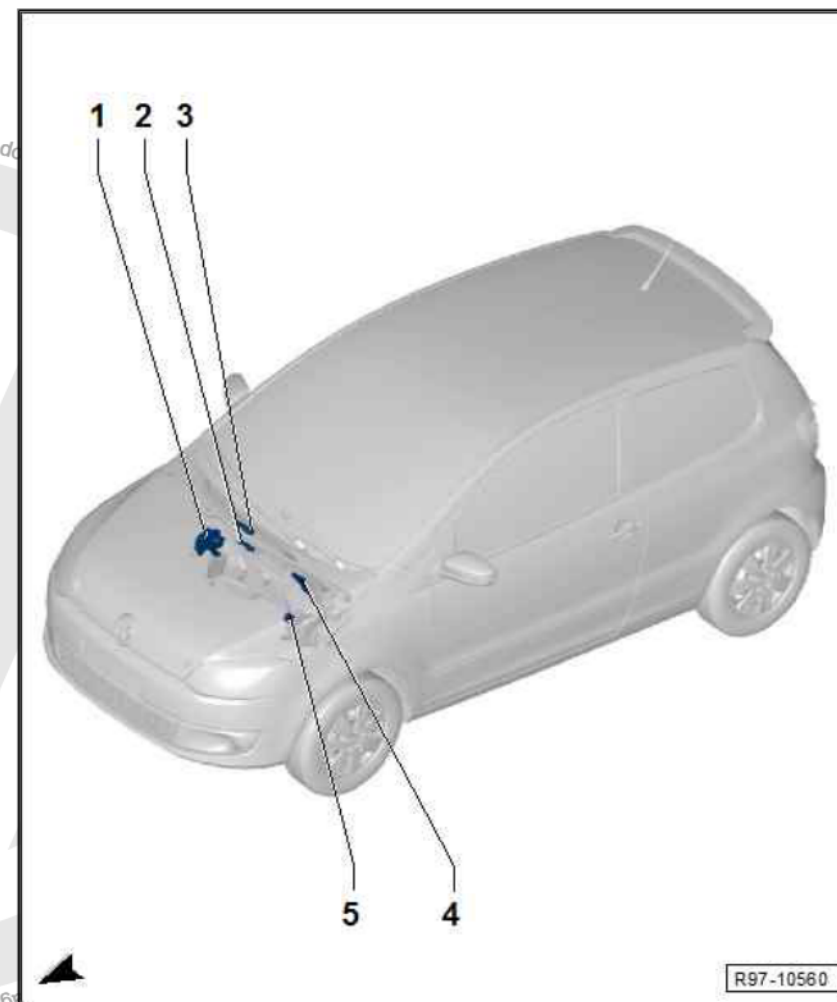
3 - Engine control unit -J623-

❑ Fitting Location: ⇒ [page 7](#)

4 - Empty

5 - Heating system control unit -J65-

❑ Fitting Location: ⇒ [page 9](#)

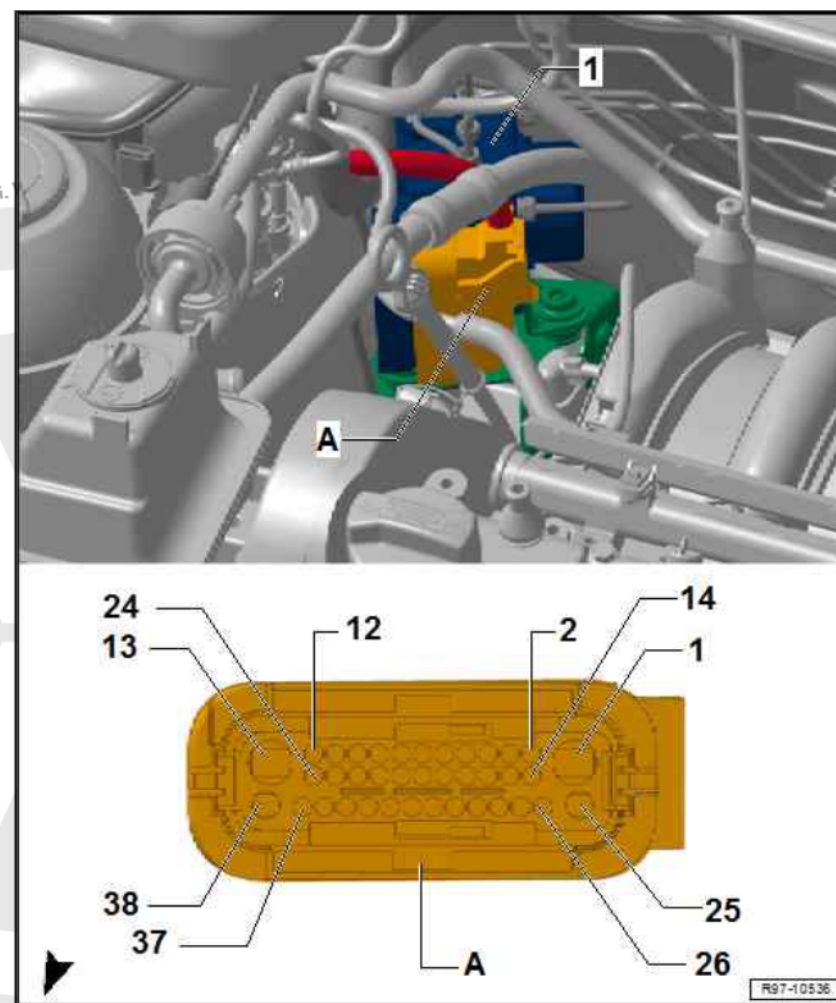


### 1.1 ABS control unit -J104-

#### 1.1.1 Fitting Location:

1 - ABS control unit -J104-

A - 38-pin connector, in the ABS control unit -T38a-



### 1.1.2 Connector description: ABS control unit -J104-

T38a	-	Function
1	-	Fuse 5 (30) of the battery fuse holder -S177-
2	-	--
3	-	--

4	-	Front right wheel rotation sensor -G45-
5	-	--
6	-	--
7	-	--
8	-	Front left wheel rotation sensor -G47-
9	-	--
10	-	--
11	-	--
12	-	--
13	-	Terminal 31
14	-	CAN-Bus, Low
15	-	--
16	-	Front right wheel rotation sensor -G45-
17	-	Rear right wheel rotation sensor -G44-
18	-	Rear left wheel rotation sensor -G46-
19	-	Front left wheel rotation sensor -G47-
20	-	--
21	-	--
22	-	--
23	-	--
24	-	--
25	-	Fuse 12 (30) of the battery fuse holder -S270-
26	-	CAN-Bus, High
27	-	--
28	-	Fuse 24 of fuse holder A -SA24-
29	-	Rear right wheel rotation sensor -G44-
30	-	Brake pedal switch -F47- , Brake light switch -F- , Engine control unit -J623-
31	-	Rear left wheel rotation sensor -G46-
32	-	--
33	-	--
34	-	--
35	-	--
36	-	--
37	-	--

38

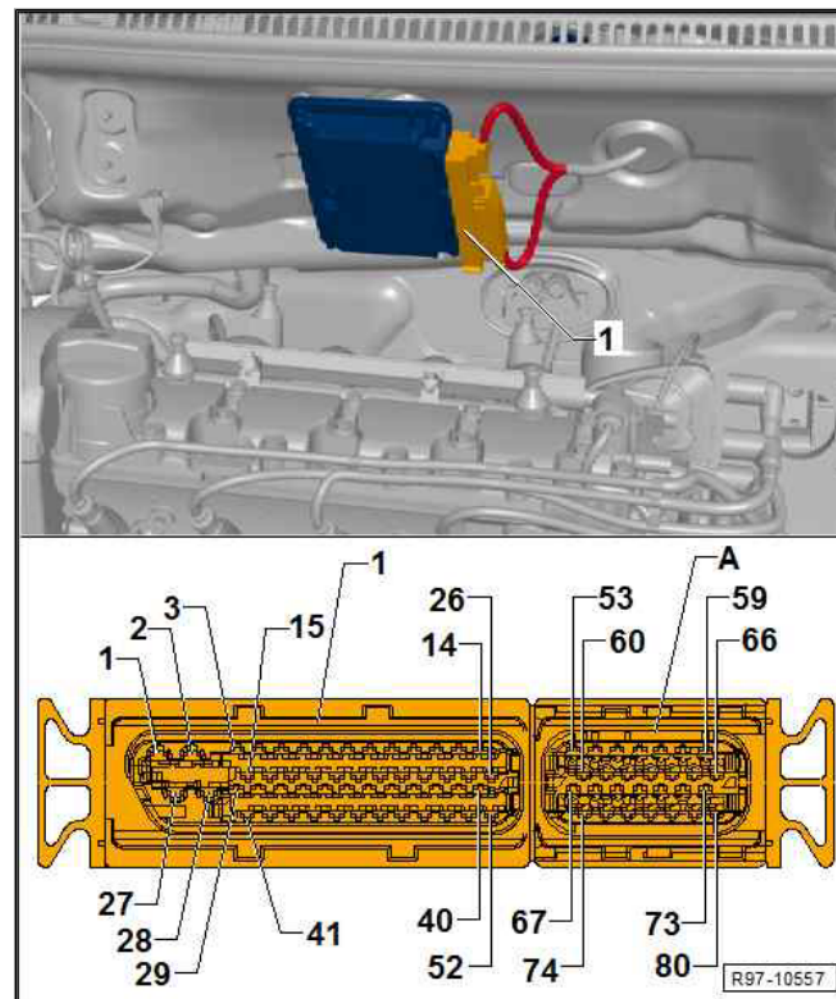
- Terminal 31

## 1.2 Automatic gearbox control unit -J217-

### 1.2.1 Fitting Location:

1 - Automatic gearbox control unit -J217-

A - 80-pin connector, in the automatic gearbox control unit -T80b-



## 1.2.2 Connector Description: Automatic gearbox control unit -J217-

T80b	-	Function
1	-	Terminal 31
2	-	Terminal 31, Electrovalves
3	-	--
4	-	--
5	-	--
6	-	--
7	-	--
8	-	--
9	-	--
10	-	--
11	-	--
12	-	Gear identification sensor -G604-
13	-	Gear identification sensor -G604-
14	-	--
15	-	--
16	-	--
17	-	--
18	-	--
19	-	--
20	-	--
21	-	--
22	-	--
23	-	--
24	-	Gear identification sensor -G604-
25	-	Gear identification sensor -G604-
26	-	--
27	-	Fuse 8 (30) of the battery fuse holder -S180-
28	-	Fuse 9 of fuse holder A -SA9-
29	-	Gear selection valve 3 -N286-
30	-	--
31	-	Gearbox hydraulic pump relay -J510-

32	-	Gear selection valve 1 -N284-
33	-	CAN-Bus, Low
34	-	Gear identification sensor 2 -G616-
35	-	Gear identification sensor 2 -G616-
36	-	--
37	-	--
38	-	Gearbox intake rotation sensor -G182-
39	-	--
40	-	Gearbox hydraulic pressure sensor -G270-
41	-	--
42	-	Engine control unit -J623-
43	-	Clutch actuator valve -N255-
44	-	Gear selection valve 2 -N285-
45	-	CAN-Bus, High
46	-	Gear identification sensor 2 -G616-
47	-	Gear identification sensor 2 -G616-
48	-	--
49	-	Diagnosis terminal - K
50	-	Gearbox intake rotation sensor -G182-
51	-	--
52	-	Clutch position sensor -G476-
53	-	--
54	-	--
55	-	--
56	-	--
57	-	--
58	-	--
59	-	Gearbox hydraulic pressure sensor -G270-
60	-	--
61	-	Clutch position sensor -G476-
62	-	Handbrake control switch -F9- , Instrument cluster -K-
63	-	--
64	-	--
65	-	Clutch position sensor -G476-

66	-	--
67	-	--
68	-	--
69	-	Onboard network control unit -J519-
70	-	--
71	-	--
72	-	--
73	-	Clutch position sensor -G476-
74	-	--
75	-	--
76	-	Terminal 50, Onboard network control unit -J519-
77	-	--
78	-	--
79	-	Gearbox hydraulic pressure sensor -G270-
80	-	--

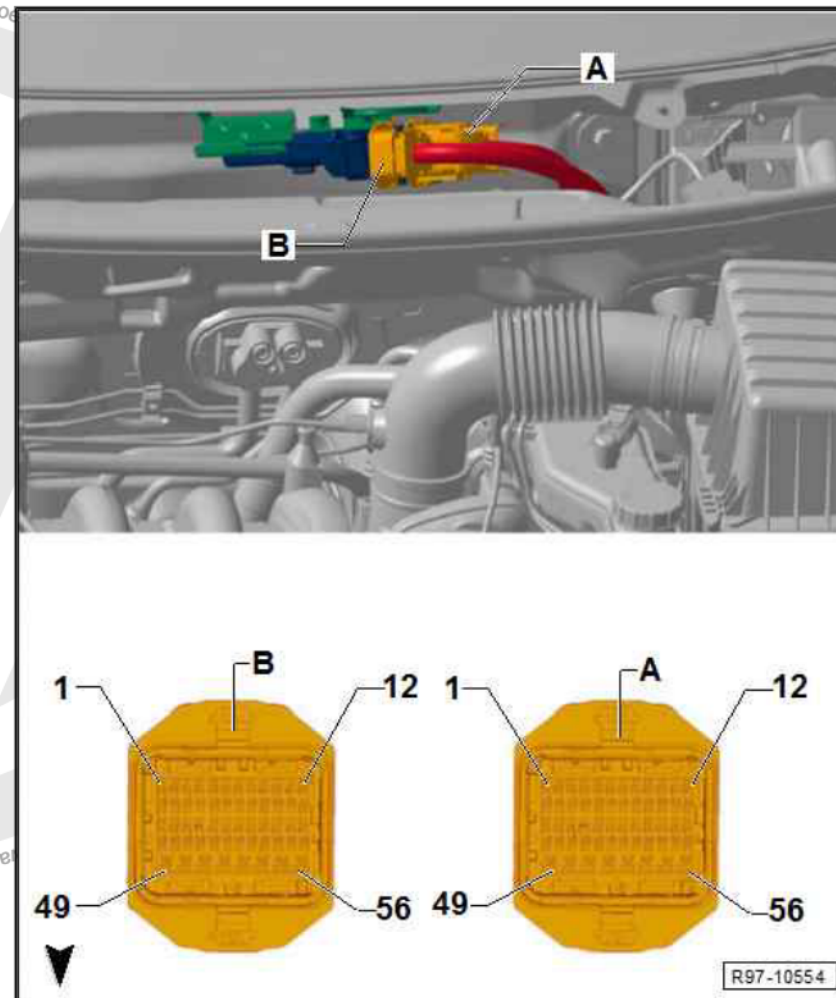
### 1.3 Engine control unit -J623-

#### 1.3.1 Fitting Location:

1 - Engine control unit -J623-

A - 56-pin connector -T56a-

B - 56-pin connector -T56b-



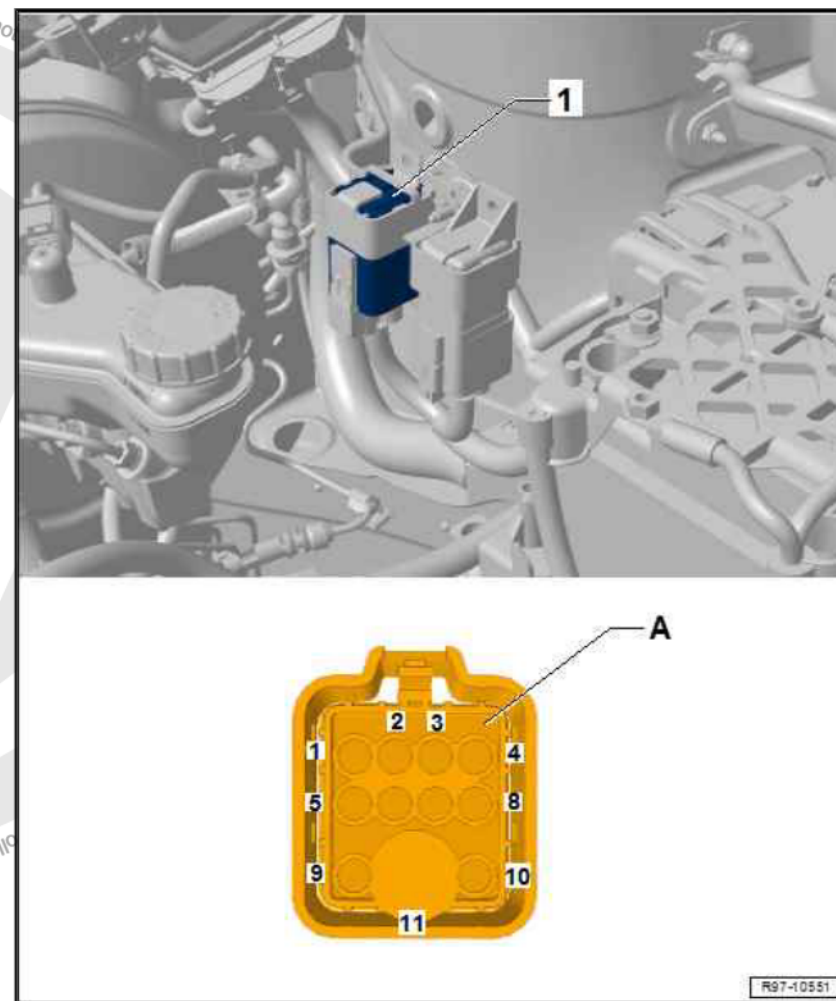
1.4 Heating system control unit -J65-

1.4.1 Fitting Location:



1 - Heating system control unit -J65-

A - 11-pin connector -T11a-



#### 1.4.2 Connector description: Heating system control unit -J65-

T11a	-	Function
1	-	Fuel preheating resistance -Z66-
2	-	Fuel preheating resistance 2 -Z108-
3	-	Fuel preheating resistance 3 -Z109-

4	-	--
5	-	--
6	-	Spark plugs relay -J52-
7	-	--
8	-	--
9	-	--
10	-	Engine control unit -J623-
11	-	Spark plugs relay -J52-

# 1 Control units

## 1 - Onboard network control unit -J519-

❑ Fitting Location: ⇒ [page 2](#) <sup>1)</sup>

❑ Fitting Location: ⇒ [page 6](#) <sup>2)</sup>

## 2 - Instrument cluster indicator control unit -J285-

❑ Fitting Location: ⇒ [page 9](#)

## 3 - Central control unit for window control -J1015-

❑ Fitting Location: ⇒ [page 11](#)

## 4 - Airbag control unit -J234-

❑ Fitting Location: ⇒ [page 13](#)

## 5 - Air conditioning control unit -J301-

❑ Fitting Location: ⇒ [page 15](#)

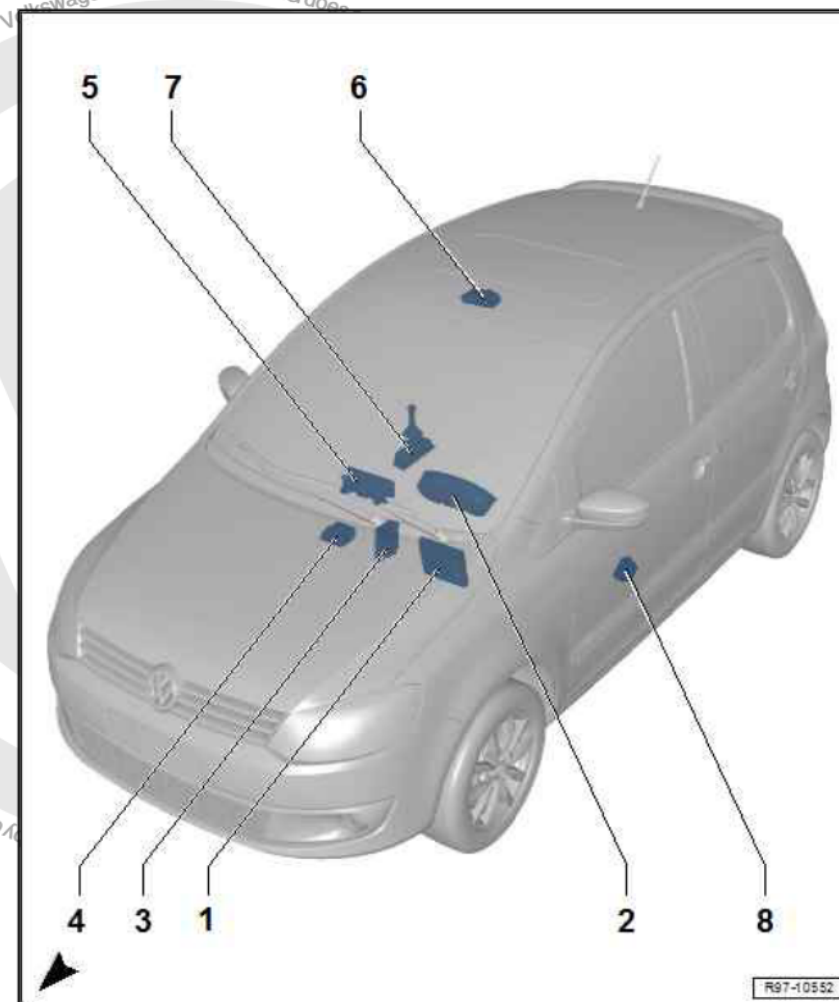
## 6 - Empty

## 7 - Selector lever sensors control unit -J587-

❑ Fitting Location: ⇒ [page 16](#)

## 8 - Parking assist control unit -J446-

❑ Fitting Location: ⇒ [page 18](#)





Note

♦ <sup>1)</sup> Only for vehicles equipped with BFM

♦ <sup>2)</sup> Only for vehicles equipped with BCM

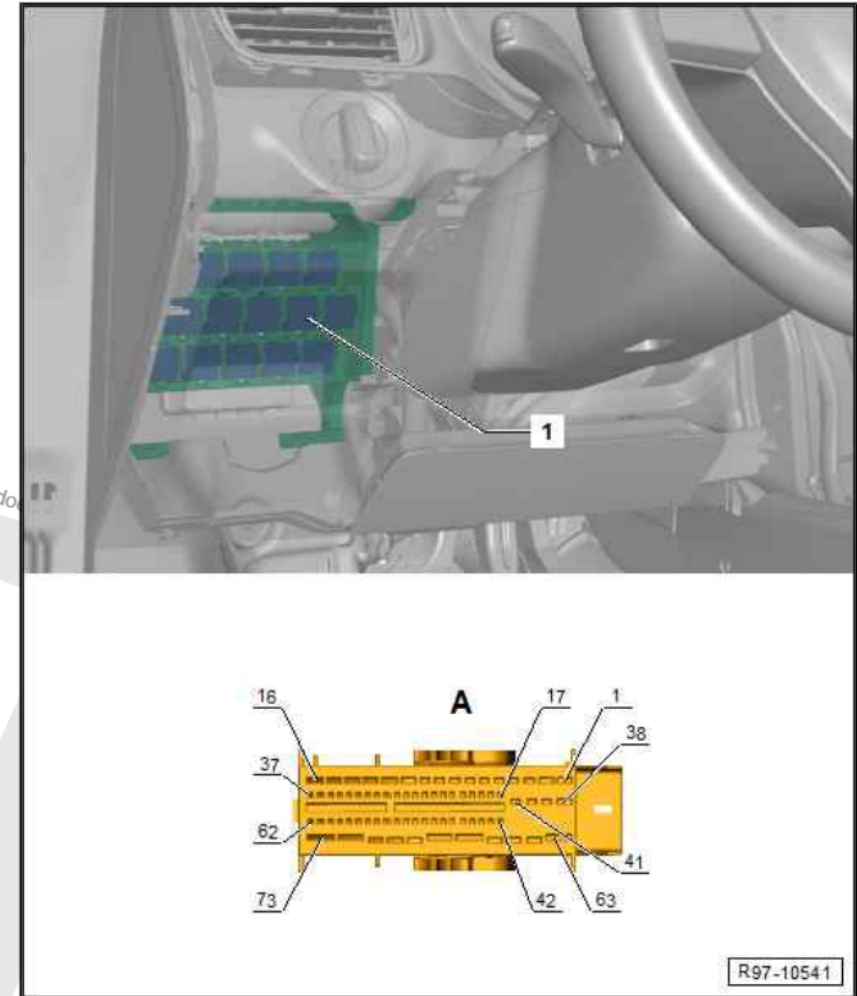
## 1.1 Onboard network control unit: BFM -J519-

### 1.1.1 Fitting Location:



1 - Onboard network control unit -J519-

A - 73-pole fitting connector in the onboard control unit -T73a-



### 1.1.2 Connector description: Onboard network control unit: BFM -J519-

T73a	-	Function
1	-	Windscreen wiper motor -V-
2	-	Windscreen wiper motor -V-
3	-	Terminal 31
4	-	Front interior light -W1-
5	-	--

6	-	--
7	-	--
8	-	--
9	-	Terminal 30, Fuse 40 in fuse holder B -SB40-
10	-	Rear tailgate unlocking motor -V139- , Central control unit for window control -J1015-
11	-	Terminal 31
12	-	Terminal 30, Fuse 16 in fuse holder A -SA16-
13	-	--
14	-	Terminal 31
15	-	Rear right central locking system motor -V308- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307-
16	-	Passenger door central locking system motor -V303- , Rear right central locking system motor -V308-
17	-	--
18	-	--
19	-	--
20	-	Central control unit for window control -J1015- , Alarm system ultrasound sensor -G209- , Rear window wiper motor -E34-
21	-	Rear window heating system switch -E230-
22	-	--
23	-	--
24	-	Alarm horn relay -J641-
25	-	Warning light switch -E3-
26	-	Instrument cluster -K-
27	-	Diagnosis terminal - CAN High
28	-	Diagnosis terminal - CAN Low
29	-	CAN-Bus, High
30	-	CAN-Bus, Low
31	-	Front lid / engine lid contact switch for the alarm system -F120-
32	-	Int. locking switch, driver side -E150-
33	-	Alarm system ultrasound sensor -G209-
34	-	Rear tailgate unlocking switch -E165-
35	-	Driver door central locking system motor -V302-
36	-	Driver door central locking system motor -V302-
37	-	Central control unit for window control -J1015- , Rear tailgate unlocking motor -V139-
38	-	Terminal 31

39	-	--
40	-	--
41	-	--
42	-	Terminal 30, Fuse 9 (30) of the battery fuse holder -S267-
43	-	Terminal31
44	-	Windscreen wiper motor -V-
45	-	Engine control unit -J623- , Brake pedal switch -F47-
46	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
47	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
48	-	External side mirror folding control unit -J351- , Reverse gear light switch -F4-
49	-	Instrument cluster -K-
50	-	Generator (Alternator) -C- , Voltage regulator -C1-
51		Terminal 15, Fuse 38 in fuse holder B -SB38- , Relief relay of terminal 15 -J404-
52	-	Terminal 50, Automatic gearbox control unit -J217-
53	-	Terminal S, Fuse 2 in fuse holder A -SA2-
54	-	Rear window wiper motor -V12- , Rear window and windscreen washer pump -V59-
55	-	Rear window heating system switch -E230-
56	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
57	-	Turn light/flashing light switch -E2-
58	-	Turn light/flashing light switch -E2-
59	-	Contact of the airbag coil and return spring with slip ring -F138-
60	-	Warning light switch -E3-
61	-	Driver door contact switch -F2-
62	-	Passenger door contact switch -F3- , Rear left door contact switch -F10- , Rear right door contact switch -F11-
63	-	Terminal 30, Fuse 29 in fuse holder B -SB29-
64	-	Front right turn signal lamp -M7-
65	-	Fuse 25 in fuse holder B -SB25-
66	-	Front left turn signal lamp -M5-
67	-	Horn and double horn -H1-
68	-	Fuse 41 in fuse holder B -SB41-
69	-	Left brake light lamp -M9- , Right brake light lamp -M10-
70	-	--
71	-	--
72	-	Rear window defogger -Z1-

73	-	Fuse 6 of fuse holder A -SA6-
----	---	-------------------------------

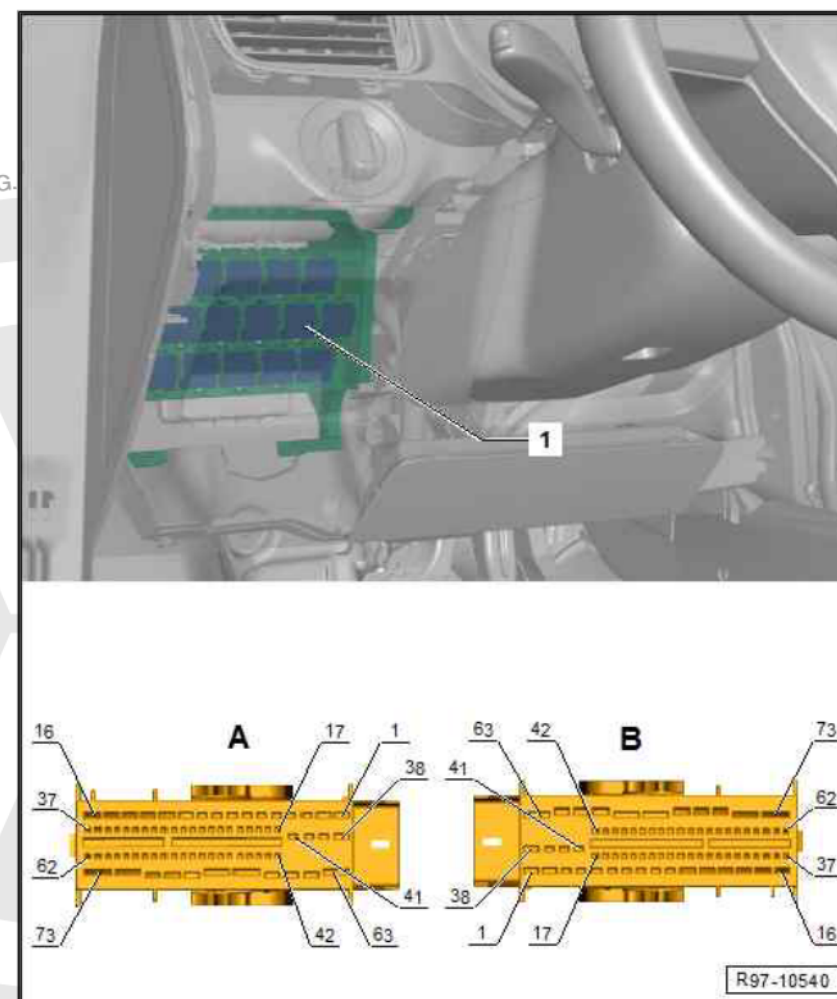
## 1.2 Onboard network control unit: BCM -J519-

### 1.2.1 Fitting Location:

1 - Onboard network control unit -J519-

A - 73-pole fitting connector in the onboard control unit -T73b-

B - 73-pole fitting connector in the onboard control unit -T73c-





## 1.2.2 Connector description: Onboard network control unit: BCM -J519-

T73b	-	Function	-	T73c	-	Function
1	-	Headlights relay -J12-	-	1	-	--
2	-	Left low beam lamp -M29- , Sealed left headlight double-filament lamp -L1-	-	2	-	Sealed right headlight double-filament lamp -L2- , Right low beam lamp -M31-
3	-	--	-	3	-	--
4	-	Internal lighting, Front internal light -W1-	-	4	-	Instrument cluster -K-
5	-	--	-	5	-	--
6	-	Fog light lamp -L20- , Fog lights switch -E23- , Instrument cluster -K-	-	6	-	--
7	-	Fog lights switch -E23-	-	7	-	License plate light -X-
8	-	--	-	8	-	--
9	-	--	-	9	-	Left fog light and long-range headlight lamp -M94- , Right fog light lamp -L23-
10	-	Rear tailgate unlocking motor -V139- , Central control unit for window control -J1015- , Spare wheel unlocking motor -V340-	-	10	-	Right fog light and long-range headlight lamp -M95- , Left fog light lamp -L22-
11	-	Passenger door central locking system motor -V303- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307- , Rear right central locking system motor -V308-	-	11	-	Terminal 30, Fuse 1 in fuse holder A -SA1-
12	-	Driver door central locking system motor -V302-	-	12	-	--
13	-	--	-	13	-	Terminal 30, Fuse 25 in fuse holder B -SB25-
14	-	Terminal 31	-	14	-	Front left turn signal lamp -M5- , Rear left turn signal lamp -M6-
15	-	Passenger door central locking system motor -V303- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307- , Rear right central locking system motor -V308-	-	15	-	Front right turn signal lamp -M7- , Rear right turn signal lamp -M8-
16	-	Terminal 30, Fuse 16 in fuse holder A -SA16-	-	16	-	Left brake light lamp -M9- , Right brake light lamp -M10- , Automatic gearbox control unit -J217-
17	-	Driver door central locking system motor -V302-	-	17	-	Central control unit for window control -J1015- , Alarm system ultrasound sensor -G209- , Rear window wiper motor -E34-
18	-	Driver door central locking system motor -V302-	-	18	-	CAN-Bus, Low
19	-	Driver door contact switch -F2-	-	19	-	CAN-Bus, High
20	-	Passenger door contact switch -F3-	-	20	-	Radio -R-
21	-	Driver door central locking system motor -V302-	-	21	-	Radio -R-
22	-	Driver door central locking system motor -V302-	-	22	-	Diagnosis terminal, CAN-Low
23	-	Rear tailgate unlocking switch -E165- , Spare wheel unlocking switch -E405- , Spare wheel unlocking support switch -E727-	-	23	-	Diagnosis terminal, CAN-High

24	-	Driver door central locking system motor -V302-	-	24	-	Right alarm ultrasound sensor -G171- , Alarm system ultrasound sensor -G209- , Rain sensor and photodetector -G397-
25	-	Int. locking switch, driver side -E150-	-	25	-	--
26	-	Rear right door contact switch -F11-	-	26	-	--
27	-	Front lid / engine lid contact switch for the alarm system -F120-	-	27	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
28	-	Warning light switch -E3-	-	28	-	--
29	-	Contact of the airbag coil and return spring with slip ring -F138-	-	29	-	--
30	-	Central control unit for window control -J1015- , Rear tailgate unlocking motor -V139-	-	30	-	Left alarm ultrasound sensor -G170-
31	-	--	-	31	-	Rear window heating system switch -E230-
32	-	Turn light/flashing light switch -E2-	-	32	-	Windscreen wiper motor -V-
33	-	Turn light/flashing light switch -E2-	-	33	-	--
34	-	Rear left door contact switch -F10-	-	34	-	Instrument cluster -K- , Light switch illumination lamp -L9- ,
35	-	Sunroof movement control unit -J245-	-	35	-	--
36	-	--	-	36	-	--
37	-	Light switch -E1-	-	37	-	--
38	-	--	-	38	-	Terminal 31
39	-	Terminal 31	-	39	-	Terminal 30, Fuse 40 in fuse holder B -SB40-
40	-	Front right side lamp -M3- , Rear right lamp -M2-	-	40	-	Terminal 31
41	-	Front left side lamp -M1- , Rear left lamp -M4-	-	41	-	--
42	-	Terminal S, Fuse 2 in fuse holder A -SA2-	-	42	-	--
43	-	Engine control unit -J623- , Brake pedal switch -F47-	-	43	-	Light switch -E1-
44	-	Terminal 15, Fuse 38 in fuse holder B -SB38- , Relief relay of terminal 15 -J404-	-	44	-	--
45	-	Light switch -E1-	-	45	-	--
46	-	--	-	46	-	--
47	-	--	-	47	-	--
48	-	Sunroof movement control unit -J245-	-	48	-	External side mirror folding control unit -J351- , Reverse gear light switch -F4- , Left reverse gear light lamp -M16- , Right reverse gear light lamp -M17-
49	-	--	-	49	-	Generator (Alternator) -C- , Voltage regulator -C1-
50	-	--	-	50	-	Automatic gearbox control unit -J217- , Starter -B- , Ignition switch -D- , Engine control unit -J623-
51	-	--	-	51	-	Ignition switch -D- , Relief relay for contact X -J59- , Relief relay 2 of contact X -J339-
52	-	--	-	52	-	Light switch -E1-

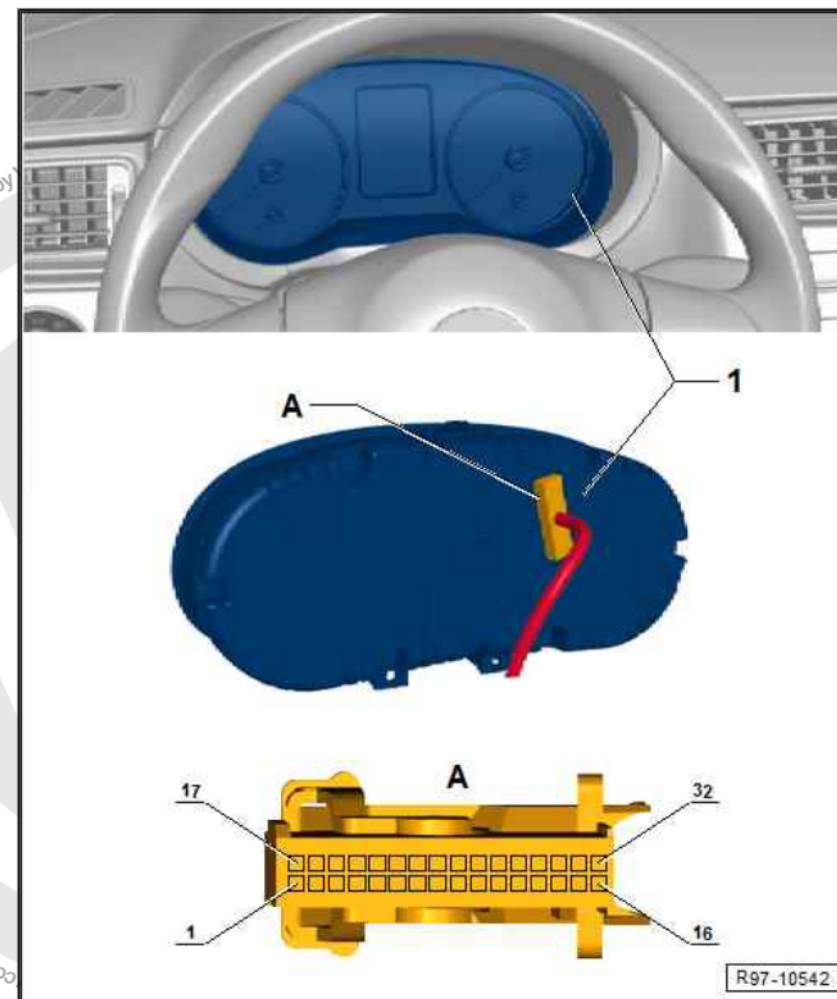
53	-	Alarm horn relay -J641-	-	53	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
54	-	--	-	54	-	CAN-Bus, High
55	-	--	-	55	-	--
56	-	Warning light switch -E3-	-	56	-	--
57	-	Left alarm ultrasound sensor -G170-	-	57	-	CAN-Bus, Low
58	-	Instrument cluster -K-	-	58	-	--
59	-	--	-	59	-	Terminal 30, Fuse 9 (30) of the battery fuse holder -S267-
60	-	Rear window heating system switch -E230-	-	60	-	Terminal 31
61	-	--	-	61	-	Rear window wiper motor -V12- , Rear window and windscreen washer pump -V59- , Windscreen wiper delay relay control -E38-
62	-	Relay 2 for long-range headlights -J1062- , Fog lights relay -J5- , Turn light/flashing light switch -E2-	-	62	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
63	-	Terminal 30, Fuse 36 in fuse holder B -SB36-	-	63	-	Rear window defogger -Z1-
64	-	--	-	64	-	--
65	-	Internal lighting, Rear left reading light -W11- , Rear right reading lamp -W12-	-	65	-	--
66	-	Internal lighting, Alarm system ultrasound sensor -G209- , Right alarm ultrasound sensor -G171- , Rain sensor and photodetector -G397-	-	66	-	--
67	-	--	-	67	-	Terminal 30, Fuse 6 in fuse holder A -SA6-
68	-	Terminal 30, Fuse 29 in fuse holder B -SB29-	-	68	-	Terminal 30, Fuse 47 in fuse holder B -SB47-
69	-	Windscreen wiper motor -V-	-	69	-	--
70	-	Terminal 31	-	70	-	--
71	-	Windscreen wiper motor -V-	-	71	-	--
72	-	Horn and double horn -H1-	-	72	-	--
73	-	Terminal 30, Fuse 41 in fuse holder B -SB41-	-	73	-	--

### 1.3 Instrument cluster indicator control unit -J285-

#### 1.3.1 Fitting Location:

1 - Instrument cluster indicator control unit -J285-

A - 32-pole fitting connector in the instrument cluster -T32a-



### 1.3.2 Connector description: Instrument cluster indicator control unit -J285-

T32a	-	Function
1	-	Fuel gauge sensor
2	-	--
3	-	--
4	-	Terminal 58d
5	-	Terminal 58

6	-	--
7	-	Immobilizer reading coil
8	-	Immobilizer reading coil
9	-	Speed sensor
10	-	--
11	-	--
12	-	--
13	-	Fog lights
14	-	Headlights
15	-	Alarm
16	-	Terminal 31
17	-	--
18	-	--
19	-	External temperature sensor
20	-	Terminal 31, Sensors mass
21	-	Multifunctional (MFA) above
22	-	Multifunctional (MFA) below
23	-	Multifunctional (MFA) enter
24	-	--
25	-	Handbrake control switch
26	-	Brake oil level warning contact
27	-	Oil pressure switch
28	-	CAN-Bus, High
29	-	CAN-Bus, Low
30	-	--
31	-	Terminal 15
32	-	Terminal 30

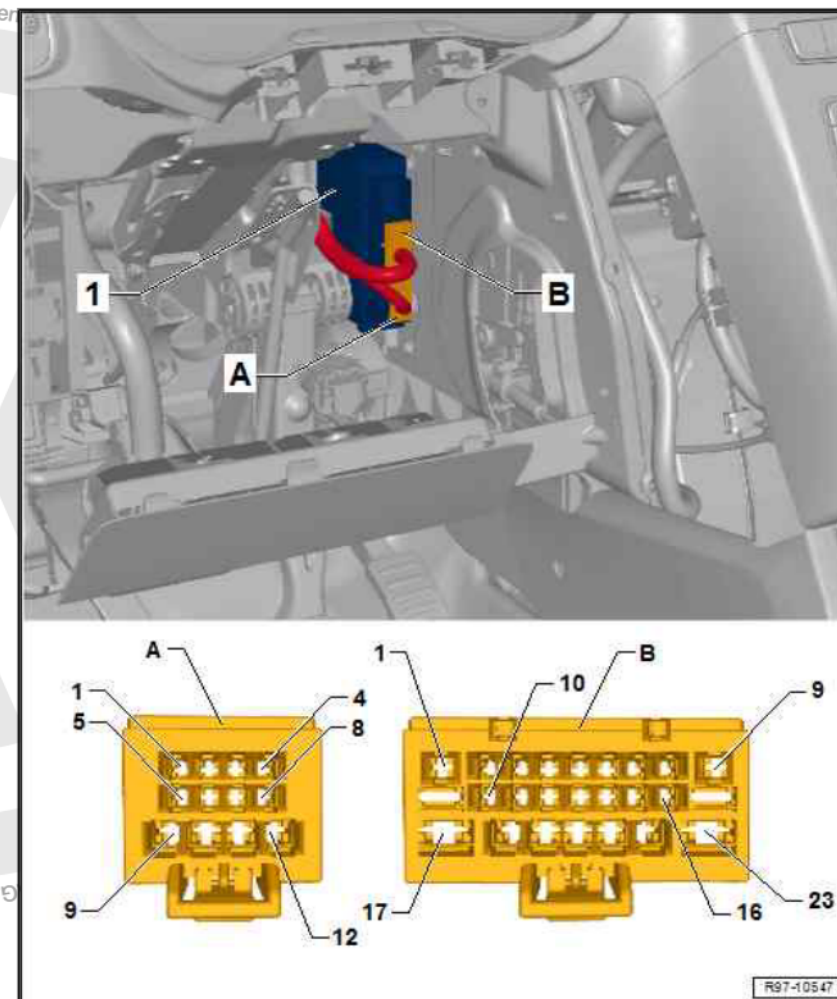
## 1.4 Central control unit for window control -J1015-

### 1.4.1 Fitting Location:

1 - Central control unit for window control -J1015-

A - 12-pole fitting connector in the window control central control unit -T12g-

B - 23-pole fitting connector in the window control central control unit -T23b-



#### 1.4.2 Connector description: Central control unit for window control -J1015-

T12g	-	Function	-	T23b	-	Function
1	-	Rear window control blocking switch -E39-	-	1	-	Terminal 31
2	-	Rear window control blocking switch -E39-	-	2	-	Onboard network control unit -J519-
3	-	--	-	3	-	--
4	-	Rear window control blocking switch -E39-	-	4	-	--
5	-	Rear left window control switch, driver side -E53-	-	5	-	--

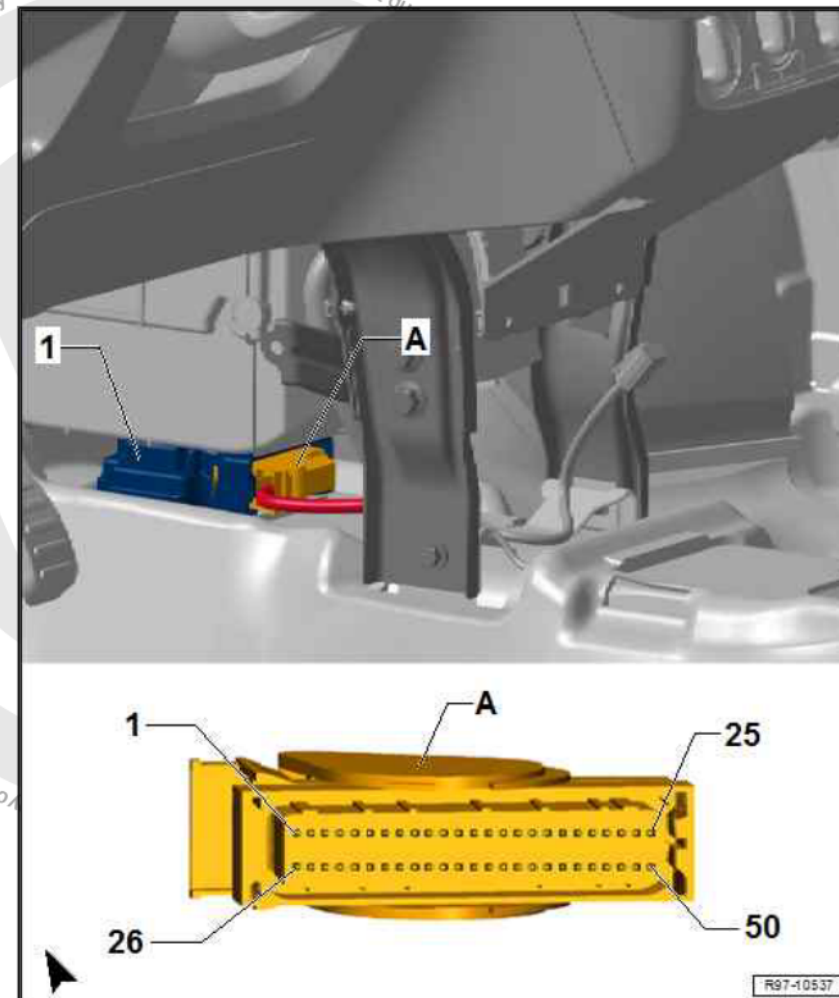
6	-	Rear left window control switch -E52-	-	6	-	--
7	-	Rear left window control switch, driver side -E53-	-	7	-	Front right window control switch, driver side -E81-
8	-	Rear right window control switch -E54-	-	8	-	--
9	-	Rear left window control motor -V26-	-	9	-	Terminal 31
10	-	Rear left window control motor -V26-	-	10	-	--
11	-	Rear right window control motor -V27-	-	11	-	--
12	-	Rear right window control motor -V27-	-	12	-	Diagnosis terminal - K
--	-	--	-	13	-	--
--	-	--	-	14	-	--
--	-	--	-	15	-	Front right window control switch, driver side -E81-
--	-	--	-	16	-	Passenger door window control switch -E107-
--	-	--	-	17	-	--
--	-	--	-	18	-	--
--	-	--	-	19	-	Driver window control motor -V147-
--	-	--	-	20	-	Driver window control motor -V147-
--	-	--	-	21	-	Passenger window activation motor -V148-
--	-	--	-	22	-	Passenger window activation motor -V148-
--	-	--	-	23	-	Terminal 30, Fuse 22 in fuse holder A -SA22-

## 1.5 Airbag control unit -J234-

### 1.5.1 Fitting Location:

1 - Airbag control unit -J234-

A - 50-pin connector in the airbag control unit -T50a-



1.6 Air conditioning control unit -J301-

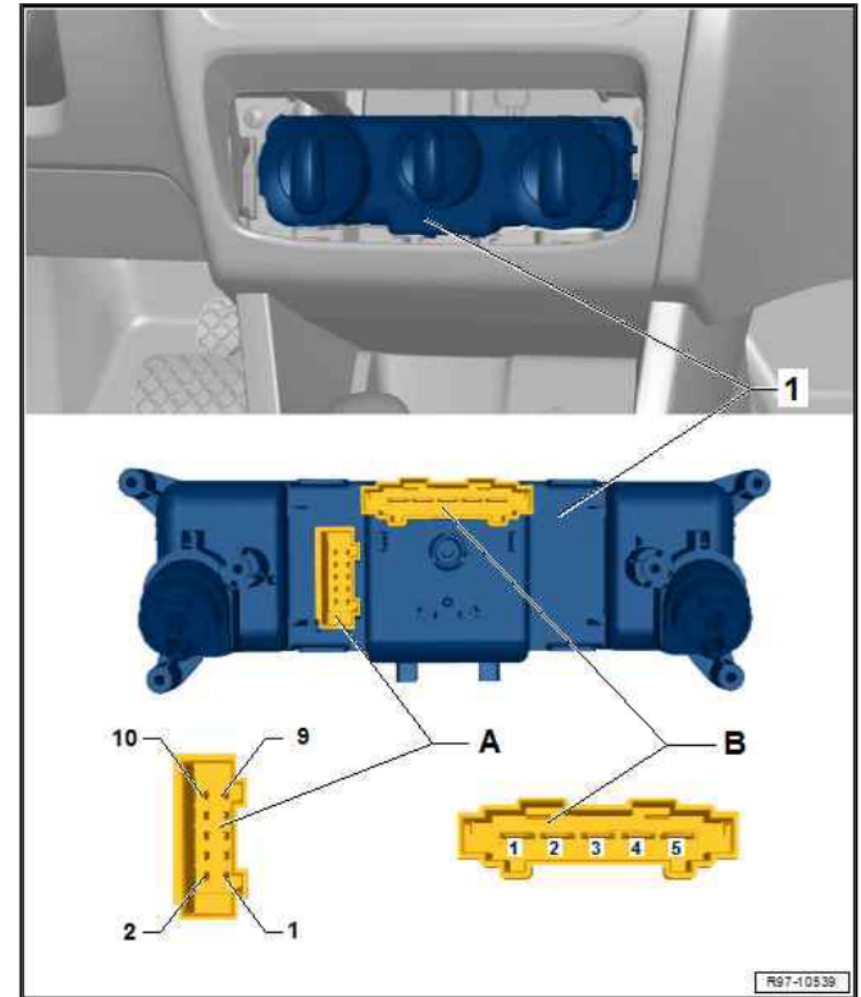
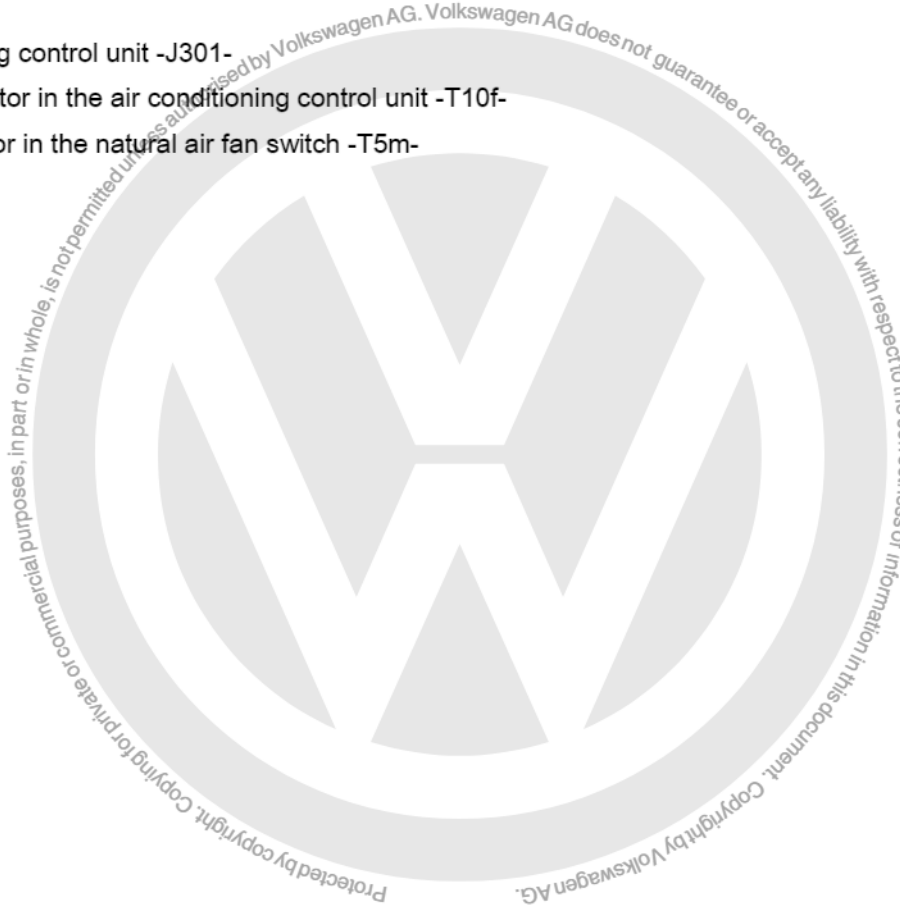
1.6.1 Fitting Location:



1 - Air conditioning control unit -J301-

A - 10-pin connector in the air conditioning control unit -T10f-

B - 5-pin connector in the natural air fan switch -T5m-



### 1.6.2 Connector description: Air conditioning control unit -J301-

T5m	-	Function	-	T10f	-	Function
1	-	Blower level 4 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	1	-	--
2	-	Blower level 3 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	2	-	--

3	-	Blower level 2 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	3	-	Recirculation valve and natural air valve control motor -V154-
4	-	Blower level 1 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	4	-	Recirculation valve and natural air valve control motor -V154-
5	-	Power output +12V	-	5	-	Terminal 31
-	-	--	-	6	-	Compressed air compressor -V534-
-	-	--	-	7	-	Engine control unit -J623-
-	-	--	-	8	-	Natural air fan switch -E9- , Pre-resistance of the natural air fan w/ overheating fuse -N24-
-	-	--	-	9	-	Onboard network control unit -J519-
-	-	--	-	10	-	Recirculation valve and natural air valve control motor -V154-

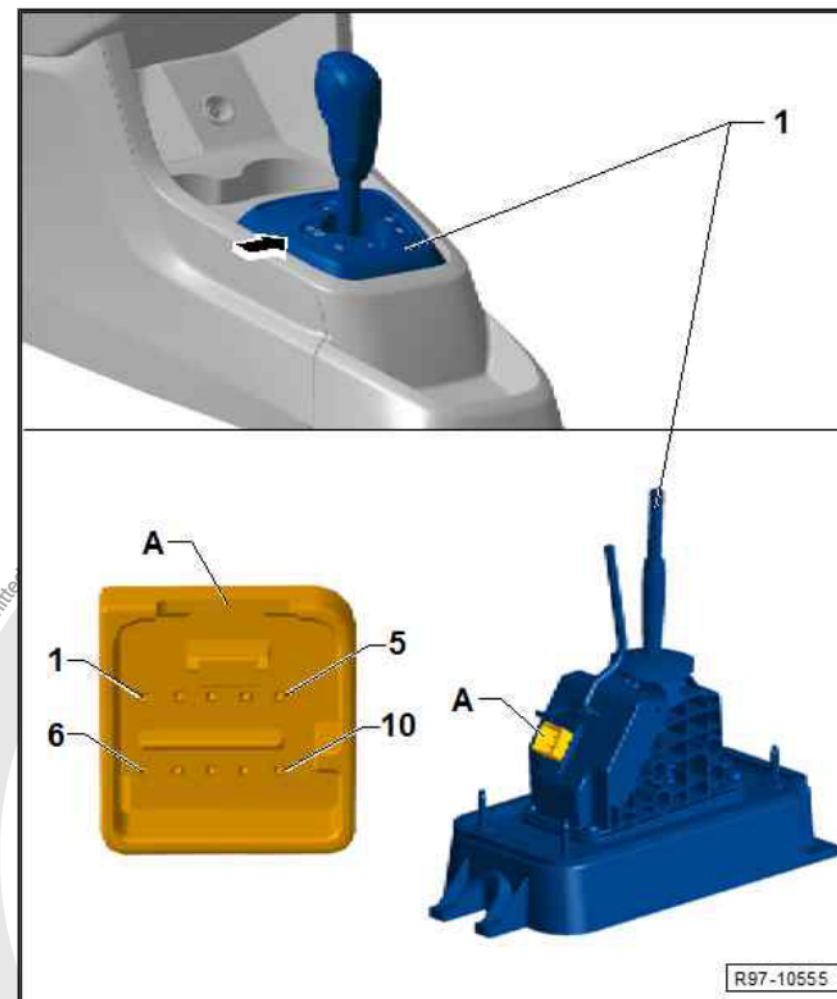
## 1.7 Selector lever sensors control unit -J587-

### 1.7.1 Fitting Location:



1 - Selector lever sensors control unit -J587-

A - 10-pin connector in the selector lever sensors control unit -T10g-



### 1.7.2 Connector description: Selector lever sensors control unit -J587-

T10g	-	Function
1	-	Terminal 31
2	-	--
3	-	--
4	-	--
5	-	Terminal 58d

6	-	--
7	-	CAN-Bus, High
8	-	CAN-Bus, Low
9	-	Terminal 15, Fuse 19 in fuse holder A -SA19-
10	-	Terminal 30, Fuse 13 in fuse holder A -SA13-

## 1.8 Parking assist control unit -J446-

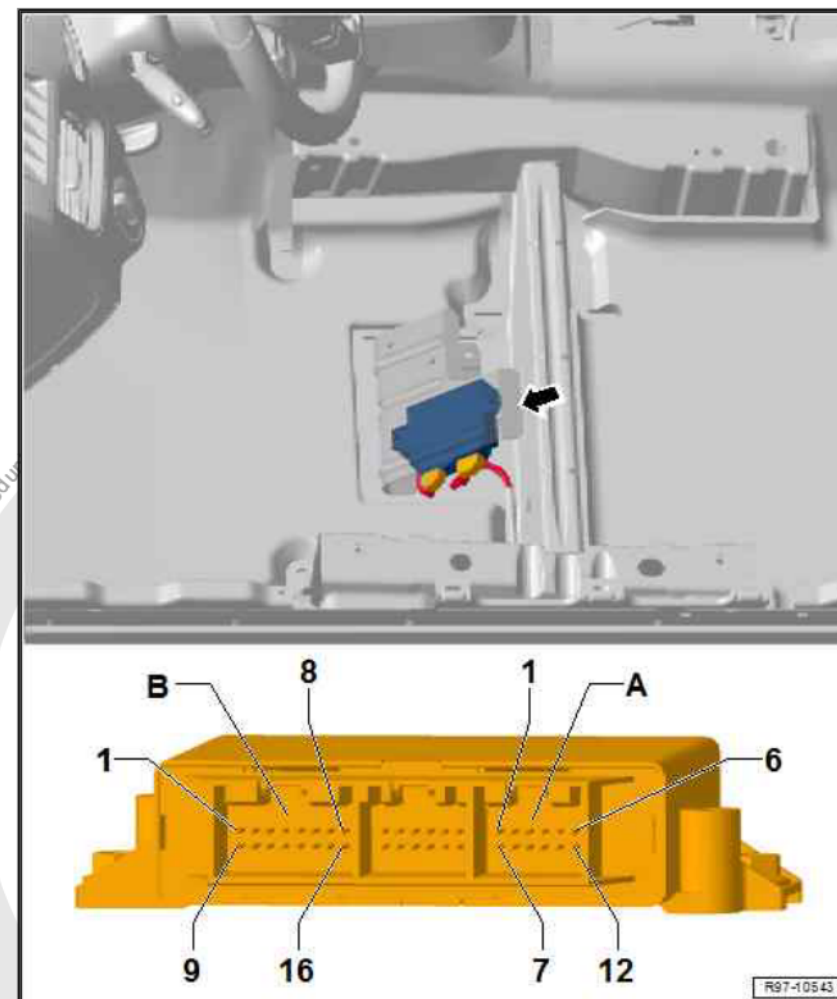
### 1.8.1 Fitting Location:



1 - Parking assist control unit -J446-

A - 12-pin connector in the parking assist control unit -T12f-

B - 16-pin connector in the parking assist control unit -T16e-



### 1.8.2 Connector description: Parking assist control unit -J446-

T12f	-	Function	-	T16e	-	Function
1	-	--	-	1	-	Terminal 15, Fuse 38 in fuse holder B-SB38-
2	-	Rear right parking assist sensor, centre -G205-	-	2	-	Rear parking assist warning buzzer -H15-
3	-	Rear left parking assist sensor, centre -G204-	-	3	-	--
4	-	Rear right parking assist sensor -G206-	-	4	-	--
5	-	Rear left parking assist sensor -G203-	-	5	-	--

6	-	--	-	6	-	CAN-Bus, High
7	-	--	-	7	-	--
8	-	Sensor, Mass, rear	-	8	-	Terminal 31
9	-	--	-	9	-	--
10	-	--	-	10	-	Rear parking assist warning buzzer -H15-
11	-	Sensor, voltage, rear	-	11	-	--
12	-	--	-	12	-	--
-	-	--	-	13	-	--
-	-	--	-	14	-	--
-	-	--	-	15	-	CAN-Bus, Low
-	-	--	-	16	-	--

